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The Public Health Nurse

Volume XVIII May, 1926 Number 5

This number is devoted to the publication of the

Census of Public Health Nursing in the United States

Prepared by the National Organization for Public Health Nursing

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The PUBLIC HEALTH NURSE

Official Organ of The National Organization for Public Health Nursing

Volume XVIII | MAY, 1926 | Number 5

EDITORIAL

By the vote of the Board of Directors and through the generosity of an organization interested in the N.O. P.H.N., the May number of the magazine is devoted to the publication of the long awaited Census of Public Health Nursing, begun in March, 1924, and just completed, and which we are sure will be eagerly welcomed by our members and all others interested in public health.

It was decided by the Board that this report—which embodies an amount of research and detail work which the compass of 69 pages into which it has been compressed can not convey—should appear in THE PUBLIC HEALTH NURSE as affording a medium for distribution which seemed impossible in any other form of publication. In this way it will become a part of the permanent files of public health nursing services, of local and state departments of health, and also of university and other libraries collecting public health literature.

The process of collecting and compiling this mass of material has been slow, but we believe the results will justify the time and effort spent. We have already had from competent authorities more than favorable comment on the extraordinary value of this Census—bringing out as it does a remarkable variety of accurate information, until now unobtainable. Moreover, it presents some very dramatic and hitherto unsuspected facts of national importance.

This report represents much more than merely the work of the statisticians and other members of the staff of the National Organization for Public Health Nursing. Without the generous and whole-hearted help of our Census Representatives and of each member who filled out the questionnaire, this study and its results would have been impossible. The members of the Board and of the Executive Committee of the National Organization for Public Health Nursing wish to take this opportunity to express their gratitude to all who have had a share in the compilation of this report.

Reprints of the report will be available.

CHART I

PUBLIC HEALTH NURSES IN THE UNITED STATES

CENSUS OF PUBLIC HEALTH NURSING IN THE UNITED STATES

Exclusive of Hospital Social Service, Dispensary and Industrial Nursing

By Louise M. Tattershall, Statistician, N.O.P.H.N.

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CENSUS OF PUBLIC HEALTH NURSING IN THE UNITED STATES, JANUARY 1, 1924

INTRODUCTION

In 1912, when the National Organization for Public Health Nursing was organized, information was already available as to the number of agencies in the United States employing public health nurses and the number of public health nurses employed. From 1912 to 1922 Miss Ysabella G. Waters acted as voluntary director of the N.O.P.H.N Statistical Service, making available to the organization during that time all her records of agencies employing public health nurses. This information was kept up to date by sending out every year a letter with a simple questionnaire to each agency. In 1922 Miss Waters gave up her work, turning over to the N.O.P.H.N. the great amount of material she had gathered. Miss Mary Augusta Clark, at that time Statistician of the Common Service Committee of the National Health Council, was asked to study the Statistical Service and make recommendations for future work.

Because of the very large number of agencies now employing public health nurses, Miss Clark made the recommendation that a census as of a definite date be made and the practice of sending out questionnaires each year be discontinued. This plan was adopted.

It was out of the question to use the enumeration method of the United States census and to send out trained agents to gather the information. A method similar to that used by the Federal and State Governments in gathering information about incomes was therefore devised. The plan adopted was that of sending a questionnaire to all agencies employing public health nurses with a request for the information desired. As in the case of the Income Tax a set of written instructions regarding the answering of each question was sent with each blank.

To facilitate the gathering of the information and to make sure that it should be complete and accurate, a Census Representative for each state and each city of 200,000 or more population was appointed.

The first step taken by each Census Representative was to compile a list of all agencies conducting public health nursing in her territory on the date decided for the census. The second step was the sending of a census blank and instructions to each agency on her list. The Census Representative was also responsible for seeing that filled-in blanks were returned by all the agencies. The filled-in blanks were to be forwarded to the Statistical Service of the N.O.P.H.N. for tabulation and making of the report. All necessary materials for the work were to be furnished to the Census Representative by the N.O.P.H.N. The date of the census was decided to be as of January 1, 1924.

The plan as outlined was followed except in a few minor details. In New York and Massachusetts the district state advisory nurses acted as Census Representatives and personally gathered the information about all the agencies in their districts. In all other states, census blanks were sent by the Census Representatives to the agency and the agency itself gave the information. As the work of the Census Representative was entirely voluntary, the final follow-up of agencies not making returns was taken over by the Statistical Service of the N.O.P.H.N.

The first census forms were sent out in March, 1924, to Connecticut, Indiana and Michigan.

Information has been received from all agencies as listed by the Census Representatives except in New Jersey.* This does not mean that every agency

* No information was received from six agencies in New Jersey and they are not included in the report.

returned a census blank, for many did not. However, information about the agencies which did not make returns was secured through other channels.

The information secured for all agencies was:

The name of the agency
The number of nurses employed
The territory for which the nursing service was available

It has been necessary because of the few agencies in New Jersey which returned census blanks, to omit New Jersey from certain of the tables. New Jersey is, however, included in the tables which give information as to the date of employing the first nurse, because it was possible to supplement this information from the files of the N.O. P.H.N.

TABLE 1. PER CENT DISTRIBUTION OF AGENCIES AND NURSES BY SIZE OF STAFF, BY STATES

Division and state	Total number		Per cent of total number of agencies and of total number of nurses in					
			Agencies with 1 nurse		Agencies with 2 to 9 nurses		Agencies with 10 or more nurses	
	Agencies	Nurses	Agencies	Nurses	Agencies	Nurses	Agencies	Nurses
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
United States	3,269	11,171	71	20	24	24	5	56
New England								
Maine	69	89	88	66	10	22	2	12
New Hampshire	71	120	80	48	17	33	3	19
Vermont	30	39	83	64	17	36	..	..
Massachusetts	232	855	64	17	29	24	7	59
Rhode Island	27	134	48	10	41	28	11	62
Connecticut	130	379	69	24	26	30	5	46
Middle Atlantic								
New York	403	1,884	73	16	21	15	6	69
New Jersey	154	614	57	14	35	32	8	54
Pennsylvania	214	961	70	16	24	19	6	65
East North Central								
Ohio	175	730	66	16	24	19	10	65
Indiana	100	244	74	30	24	42	2	28
Illinois	176	790	69	15	27	19	4	66
Michigan	126	522	74	18	23	26	3	56
Wisconsin	111	253	85	37	12	19	3	44
West North Central								
Minnesota	106	317	77	26	16	21	7	53
Iowa	104	182	79	44	18	32	3	24
Missouri	49	252	72	14	18	12	10	74
North Dakota	22	27	82	63	18	37	..	..
South Dakota	34	36	91	75	9	25	..	..
Nebraska	42	100	81	34	14	21	5	45
Kansas	73	128	82	47	15	30	3	23
South Atlantic								
Delaware	5	30	40	7	20	13	40	80
Maryland	25	224	48	5	36	12	16	83
District of Columbia	4	52	..	..	25	6	75	94
Virginia	69	183	65	25	28	33	7	42
West Virginia	39	73	64	34	36	66	..	..
North Carolina	52	122	65	26	29	44	6	30
South Carolina	35	58	80	48	20	52	..	..
Georgia	22	102	46	10	36	36	18	54
Florida	27	45	70	42	30	58	..	..
East South Central								
Kentucky	46	117	63	25	35	47	2	28
Tennessee	41	141	46	12	44	39	10	50
Alabama	36	78	64	28	33	54	3	18
Mississippi	28	37	86	65	14	35	..	..
West South Central								
Arkansas	20	28	75	54	25	46	..	..
Louisiana	18	81	61	14	28	32	11	54
Oklahoma	25	54	72	33	24	37	4	30
Texas	58	143	66	27	29	46	5	27
Mountain								
Montana	19	26	79	54	21	46	..	..
Idaho	11	12	91	83	9	17	..	..
Wyoming	13	17	77	59	23	41	..	..
Colorado	36	90	78	31	14	18	8	51
New Mexico	15	18	87	72	13	28	..	..
Arizona	21	34	67	38	33	62	..	..
Utah	11	39	46	13	45	43	9	44
Nevada	1	6	..	..	100	100	..	..
Pacific								
Washington	43	106	58	23	37	49	5	28
Oregon	27	48	67	31	29	38	4	31
California	113	473	59	14	30	24	11	62

INVESTIGATION

This first census of public health nursing included all agencies employing public health nurses, except social service departments of hospitals, dispensaries and industries. The reason for excluding these certain agencies was that the schedule used was not adapted to these particular agencies. It is the desire of the N.O.P.H.N. to take a census of these agencies at a future time.

Here it should be said that public health nursing was not necessarily the main activity of the agencies included in the census.

The schedules asked for information regarding:

The number of nurses employed
The nature of the nurse's service
The salaries of staff nurses
The nursing program of the agency
The number of patients cared for
The territory served
The receipts for the last fiscal year
The date of employing the first nurse

All the information except that regarding salaries and the number of patients cared for has been tabulated and forms the basis for this report.

As the N.O.P.H.N. had recently made a detailed study of the salaries of public health nurses, published in THE PUBLIC HEALTH NURSE, February and May, 1925, information on this subject was not used.

There was no uniformity among the various agencies in keeping records about the number of patients cared for, and it was therefore impossible to use the data received concerning records.

The agencies have been classified by administration as shown by the names given on the census forms, in answer to the question *Legal Name of Organization*. The name given was taken as that of the agency responsible for conducting the nursing service, irrespective of the source of support.

There are three main classes of administration, *national, state,* and *local.* Under these three headings the agencies are again classified as *official, non-official,* and *joint official and non-official* administration.

Under official administration are boards of health, boards of education, other official boards, and joint administration of two or more official boards. Non-official agencies are classified as public health nursing associations or similar agencies, American Red Cross chapters and branches, tuberculosis associations, public health associations, Metropolitan Life Insurance Company services, and all others.

The available information has been arranged in summary tables for the United States and for the individual states, grouped by geographical divisions. Tables have also been drawn up for each state, showing the type of agency employing public health nurses and the number of public health nurses employed for cities of 10,000 or more population, and the rest of the state, which includes all cities of less than 10,000 population and rural areas. Another table gives the number of negro public health nurses, where and by what agency they were employed.

A brief discussion of this information follows.

ADMINISTRATION

United States—On January 1, 1924, there were 3,269 agencies employing public health nurses and 11,171 full-time public health nurses employed. Chart I shows the distribution of agencies and public health nurses throughout the United States.

Of the agencies:

Under official administration were 1,669 or 51 per cent.
Under non-official administration were 1,570 or 48 per cent.
Under joint official and non-official administration were 30 or 1 per cent.

Of the nurses:

Under official administration were 6,361 or 57 per cent.
Under non-official administration were 4,773 or 43 per cent.
Under joint official and non-official administration were 37 or less than 1 per cent.

National—Under national administration were seven agencies employing 485 nurses.

Three of these agencies employing 422 nurses were under official administration.

Four agencies employing 63 nurses were under non-official administration.

The agencies under national administration were:

The United States Veterans' Bureau employing 420 nurses, 406 of these being allocated to the individual states where they were doing public health nursing January 1, 1924.

The United States Bureau of Indian Affairs employing one nurse for nursing in Oregon.

The United States Department of Labor, Children's Bureau, employing one nurse.

The agencies under national non-official administration were:

National American Red Cross employing 31 nurses.*

The Metropolitan Life Insurance Company employing 20 nurses.*

TABLE 2. NURSES GIVING INDIRECT AND DIRECT CARE TO PATIENTS, AND RATIO BETWEEN THEM, BY STATES

Division and state (1)	Total number of nurses (2)	Nurses giving indirect care (3)	Nurses giving direct care (4)	Ratio of nurses giving indirect care to nurses giving direct care (5)
United States	11,171	881	10,290	1 to 12
New England				
Maine	89	4	85	1 to 21
New Hampshire	120	6	114	1 to 19
Vermont	39	1	38	1 to 38
Massachusetts	855	59	796	1 to 14
Rhode Island	134	8	126	1 to 16
Connecticut	379	28	351	1 to 13
Middle Atlantic				
New York	1,884	187	1,697	1 to 9
New Jersey	614	34	580	1 to 17
Pennsylvania	961	52	909	1 to 17
East North Central				
Ohio	730	66	664	1 to 10
Indiana	244	20	224	1 to 11
Illinois	790	53	737	1 to 14
Michigan	522	35	487	1 to 14
Wisconsin	253	14	239	1 to 17
West North Central				
Minnesota	317	20	297	1 to 15
Iowa	182	12	170	1 to 14
Missouri	252	23	229	1 to 10
North Dakota	27	1	26	1 to 26
South Dakota	36	1	35	1 to 35
Nebraska	100	6	94	1 to 16
Kansas	128	3	125	1 to 42
South Atlantic				
Delaware	30	3	27	1 to 9
Maryland	224	23	201	1 to 9
District of Columbia	52	4	48	1 to 12
Virginia	183	13	170	1 to 13
West Virginia	73	9	64	1 to 7
North Carolina	122	3	119	1 to 40
South Carolina	58	5	53	1 to 11
Georgia	102	7	95	1 to 14
Florida	45	2	43	1 to 22
East South Central				
Kentucky	117	6	111	1 to 19
Tennessee	141	7	134	1 to 19
Alabama	78	6	72	1 to 12
Mississippi	37	1	36	1 to 36
West South Central				
Arkansas	28	0	28	0 to 28
Louisiana	81	7	74	1 to 11
Oklahoma	54	6	48	1 to 8
Texas	143	10	133	1 to 13
Mountain				
Montana	26	4	22	1 to 6
Idaho	12	0	12	0 to 12
Wyoming	17	1	16	1 to 16
Colorado	90	6	84	1 to 14
New Mexico	18	1	17	1 to 17
Arizona	34	1	33	1 to 33
Utah	39	1	38	1 to 38
Nevada	6	0	6	0 to 6
Pacific				
Washington	106	5	101	1 to 20
Oregon	48	7	41	1 to 6
California	473	32	441	1 to 14

* Nurses under local A.R.C. chapters and branches and under local services of the M.L.I. are counted in the states in which they worked.

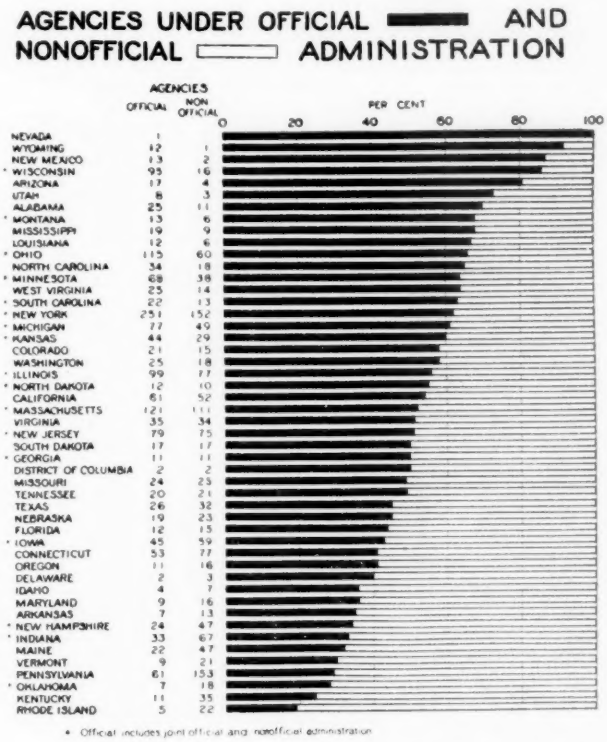
The National Organization for Public Health Nursing employing nine nurses.
The American Child Health Association employing three nurses.

State and Local—Under state and local administration there were 3,262 agencies and 10,686 nurses.

Charts II and III show the distribution of agencies and nurses under official and non-official administration. Agencies and nurses under joint official and non-official administration are included in official administrations. The states are listed according to the per cent under official administration. The rank of states in both charts is much the same.

Where a large difference exists between the percentage of agencies under official administration and the percentage of nurses under the same administration, the difference is due to the fact that there were one or more agencies employing a large number of nurses in either the official or non-official group. Taking Pennsylvania, we find that while only 29 per cent of the agencies were under official administration, these agencies employed 49 per cent of the nurses in the state. The large number of nurses under the State Department of Health accounts for this.

In only one geographical group, the New England States, does non-official administration of public health nursing predominate over official administration. Indiana and Pennsylvania also fall in this group. The very large percentage of agencies and nurses under official administration in Wisconsin is probably due to the law passed in 1919[1]



NOPHN CENSUS, 1924

CHART II

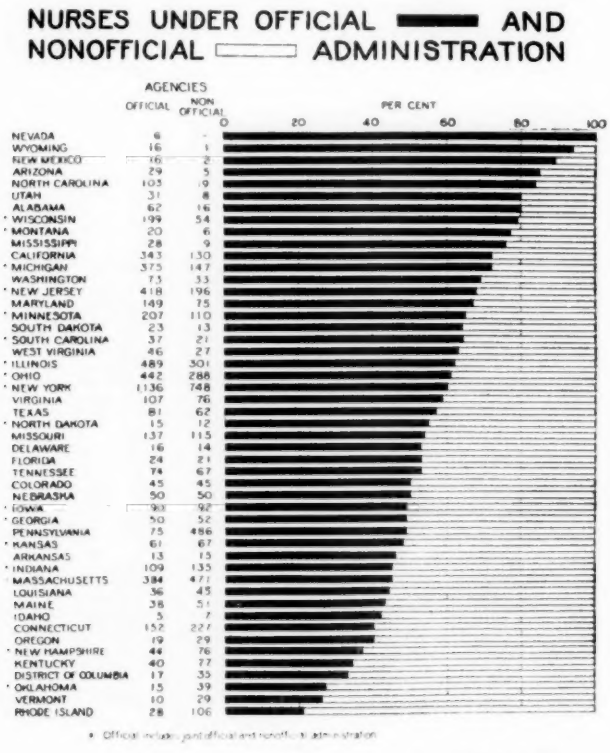
[1] Act of 1919, Chapter 311, Section 141.

which made it obligatory for counties to employ public health nurses or public health teachers.

This law was changed in 1923[2] to make it permissive and not obligatory for counties to employ public health nurses.

Official—In the New England, Middle Atlantic and East North Central States, with the exception of Rhode Island and Ohio, the number of *boards of education* doing public health nursing predominated over the number of boards of health and other official boards. But in these same states, with the exception of Vermont, more public health nurses were employed by boards of health than by boards of education. In these states there are large cities which have a large staff of nurses under the city boards of health.

In the West North Central and the Mountain States, with a few exceptions, boards of education predominated and employed the greatest number of public health nurses.



NOPHN CENSUS, 1924

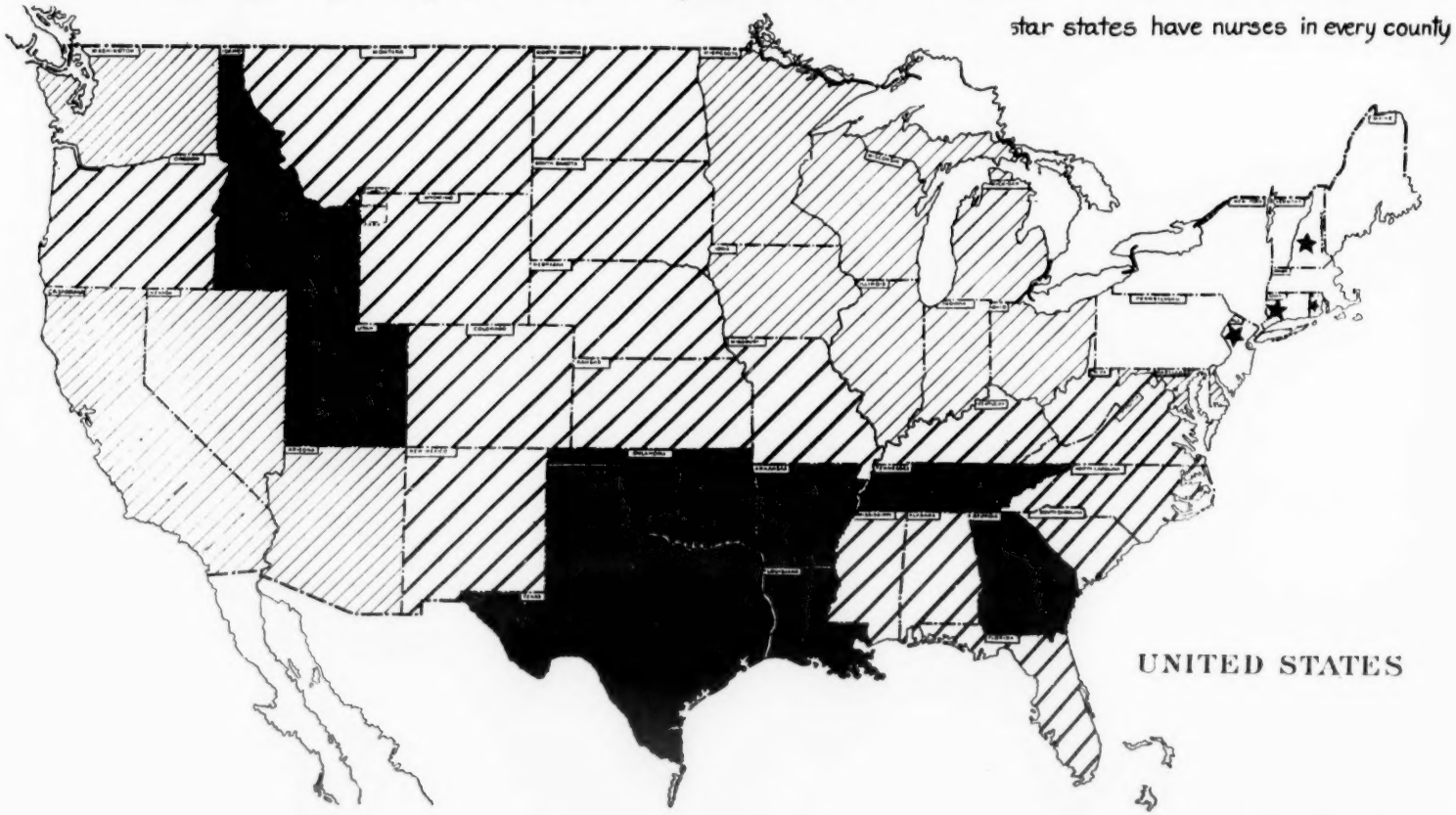
CHART III

In the South Atlantic, East South Central and West South Central States, with the exception of West Virginia and Oklahoma, the *boards of health* employing public health nurses predominated and employed the most nurses. In these states and also in Ohio, where boards of health employed the most nurses, we find the full-time county health units developed.

In the Pacific Division, Oregon and California, there were more boards of education than boards of health which employed nurses, but in California boards of health employed the greater number of nurses. In Washington the number of agencies under boards of

[2] County Home Rule Bill, 1923.

States in which $\frac{3}{4}$ ▭, $\frac{1}{2}$ ▨, $\frac{1}{4}$ ▨, or less than $\frac{1}{4}$ ■ of the counties have public health nurses.



N.O.P.H.N. Census 1924

CHART V

TABLE 3. NEGRO PUBLIC HEALTH NURSES, CLASSIFIED BY AGENCIES EMPLOYING THEM AND BY GEOGRAPHICAL DIVISION

Geographical division (1)	Total number of nurses (2)	Board of health (3)	Board of education (4)	Other official boards (5)	Public health nursing association or similar agency (6)	American Red Cross (7)	Tuberculosis association (8)	Public health association (9)	Metropolitan Life Ins. Co. services (10)	All others (11)
United States	365	175	26	14	103	3	6	1	5	32
New England	5	..	..	..	3	..	..	..	..	2
Middle Atlantic	116	76	4	..	35	..	..	..	..	1
East North Central	52	26	..	13	13	..	..	..	..	..
West North Central	33	1	9	..	23	..	..	..	..	..
South Atlantic	93	48	6	1	12	1	2	..	5	18
East South Central	42	19	4	..	16	..	2	..	..	1
West South Central	24	5	3	..	1	2	2	1	..	10

health and boards of education was practically the same, with more nurses employed by boards of education.

In a few states—New York, Illinois, Wisconsin, Mississippi, Washington and California—a comparatively large number of agencies and number of nurses were under the administration of other official boards. In these states, county boards, other than boards of health or education, employed nurses for public health nursing.

Non-Official—Since the agencies that make up the two groups, "public health nursing associations or similar agencies" and "all others," were primarily engaged in public health nursing, these two may be taken together as one group.

We therefore find that in the New England States (with the exception of Maine), the Middle Atlantic, and the East North Central States, both the number of agencies under this group and the number of nurses employed by them predominated over all the other groups under non-official administration.

In the Mountain and the West South Central States, agencies of this type were noticeably absent.

In the remaining geographical divisions states which have large cities also have one or more of these agencies ("public health nursing associations or similar agencies" and "all others") employing the greatest num-

TABLE 4. PEOPLE TO ONE PUBLIC HEALTH NURSE IN COUNTIES HAVING LOCAL NURSING SERVICES

State	People to one nurse
South Carolina	23,638
Mississippi	21,939
Arkansas	20,221
Idaho	17,763
Alabama	17,019
Texas	16,162
Montana	15,593
Oklahoma	15,561
Florida	14,119
New Mexico	13,486
Oregon	13,447
North Carolina	13,207
Washington	12,069
North Dakota	11,783
West Virginia	11,361
Kentucky	10,977
Arizona	10,912
Iowa	10,687
Louisiana	10,659
South Dakota	10.555
Vermont	9,905
Indiana	9,816
Wyoming	9,797
Pennsylvania	9,492
Wisconsin	9,384
Kansas	9,325
Maine	9,284
Virginia	9,020
Colorado	8,899
Georgia	8,752
Missouri	8,561
District of Columbia	8,415
Utah	8,397
Tennessee	8,370
Illinois	7,957
California	7,477
Nebraska	7,456
Delaware	7,433
Ohio	7,254
Nevada	7,220
Michigan	6,589
Maryland	6,401
Minnesota	6,209
New York	5,512
New Jersey	5,140
Massachusetts	4,819
Rhode Island	4,510
New Hampshire	3,692
Connecticut	3,642

NOTE: Nurses giving state-wide service not included in number of nurses giving local nursing service.

ber of nurses under non-official administration.

American Red Cross chapters and branches maintained independent nursing services in all states except Delaware, Montana, Nevada, Utah, and Wyoming.

In many of the states—Maine, New Hampshire, North Carolina, Indiana, Illinois, Michigan, California, the West North Central States, the West South Central States, and the Mountain States which had American Red Cross nursing services—the number of these agencies and the number of nurses employed by them make up a large part of the non-official agencies.

As both the tuberculosis associations and public health associations were supported largely by the Christmas Seal Sale, these two may be considered together.

There were thirteen states—Rhode Island, Wisconsin, Iowa, North Dakota, Delaware, North Carolina, Louisiana, Idaho, Wyoming, New Mexico, Arizona, Utah, Nevada—which had no independent nursing services maintained by these two agencies. But in Maine, New York, Maryland, Indiana, Illinois, Kentucky, Oklahoma, and Oregon, these two agencies formed a considerable part of the group of agencies under non-official administration.

The 181 services maintained by the Metropolitan Life Insurance Company represent the independent nursing services maintained by this company. Nursing service was also bought by the company from a number of other non-official agencies throughout the country.

N.O.P.H.N. CENSUS, 1924
CHART IV

SIZE OF STAFF

Taking the United States as a whole, 71 per cent of all the agencies employed but one nurse and 95 per cent of all the agencies employed less than ten nurses, leaving 5 per cent of the number of agencies employing ten or more nurses. This 5 per cent of the agencies employed 56 per cent of all the nurses, with 44 per cent of the nurses in agencies with a staff of two to nine nurses or staffs of one nurse.

Table 1 shows the percentage distribution of agencies and their nursing staffs by agencies with one nurse, by agencies with two to nine nurses, and by agencies with ten or more nurses in the individual states.

In all but six states, 50 per cent or more of the agencies employed but one nurse, while in 30 states agencies with less than ten nurses made up 95 per cent or more of all the agencies. These agencies employed from 34 to 88 per cent of the nurses in the individual states.

In 19 states, 5 per cent of the agencies employed ten or more nurses. In 14 of these 19 states and in two other states, 50 per cent or more of the nurses were on staffs of ten or more nurses. The larger cities of the country are located in these 16 states.

Twelve states had no agencies with a staff of ten or more nurses, and in these states there was no city of 100,000 or more population.

NURSES

Activity—It was not possible to determine the number of nurses giving full time to educative supervision as distinct from superintendents or executives who gave full time to administrative duties. It was possible, however, to separate the number of supervisors, superintendents or executives from the number of nurses who gave full time to actual care of the patient. These supervisors, superintendents or executives, and nurses giving full time to advisory service to nurses of another agency, are classified under the heading of "Nurses giving indirect care to patients."

All nurses who gave full time to actual care of the sick are classified under the heading "Nurses giving direct care."

Table 2 shows how many nurses in each state were engaged in each one of these capacities and the ratio between the two.

Color—Table 3 replies to the questions as to the number of negro public health nurses and where they are working. By referring also to table 28 on pages 311–313 it will be seen that the large number of negro nurses in the Middle Atlantic States was employed mostly in New York City. In the South and Southwest with their large negro population, many different agencies employed negro nurses.

Three Indian nurses were also employed for public health nursing, two in Minnesota and one in Nebraska. All other nurses were white.

RATIO OF POPULATION AND AREA

The number of people and number of square miles to one public health nurse have been considered from two points:

One based on the total population and the total area of the state

The other on the population and area of those counties in each state which had local nursing services

Nurses giving a state-wide service, as the nurses under the United States Veterans' Bureau and the State Departments of Health, are not included in the number of nurses giving full time to local nursing in these counties.

Chart IV tells the story of the number of people to one public health nurse based on the total population of the states. Table 4 presents the story on the basis of the population of those

counties which had local nursing services. The chart shows the great need in practically all states for many more public health nurses. The table shows that even if only those areas with nursing services are considered there is still need of more public health nurses.

Perhaps the most significant part of Table 5 is that which shows the number of square miles to one nurse in counties having local nursing services. This gives at least some idea of the extent of the area nurses working in these states are expected to cover.

TABLE 5. SQUARE MILES TO ONE PUBLIC HEALTH NURSE IN THE ENTIRE STATE AND IN COUNTIES HAVING LOCAL NURSING SERVICES

Entire state		Counties of states having local nursing services *	
State (1)	Square miles to one nurse (2)	State (3)	Square miles to one nurse (4)
Nevada	18,304	Nevada	11,001
Idaho	6,946	Wyoming	4,991
New Mexico	6,806	New Mexico	3,547
Wyoming	5,739	Arizona	2,637
Montana	5.620	Montana	2,377
Arizona	3,347	Idaho	1,571
North Dakota	2,599	South Dakota	911
South Dakota	2,135	North Dakota	855
Utah	2,108	Oregon	747
Oregon	1,992	Florida	549
Arkansas	1,875	Mississippi	460
Texas	1,835	Colorado	438
Oklahoma	1,285	Washington	383
Mississippi	1,253	Arkansas	382
Florida	1,219	Maine	363
Colorado	1,152	Oklahoma	340
Nebraska	768	South Carolina	332
Alabama	657	Texas	317
Washington	655	Kansas	269
Kansas	639	Alabama	260
Georgia	575	Vermont	253
Louisiana	561	California	248
South Carolina	509	Iowa	223
North Carolina	399	Nebraska	198
Kentucky	343	North Carolina	190
Maine	336	Minnesota	174
West Virginia	329	Wisconsin	159
California	329	Louisiana	123
Iowa	305	West Virginia	121
Tennessee	295	Utah	115
Missouri	278	Virginia	111
Minnesota	255	Kentucky	111
Vermont	234	Indiana	96
Virginia	220	Missouri	85
Wisconsin	219	Tennessee	81
Indiana	148	Michigan	80
Michigan	110	New Hampshire	77
New Hampshire	77	Delaware	66
Illinois	71	Georgia	61
Delaware	66	Illinois	57
Ohio	56	Pennsylvania	45
Pennsylvania	47	Ohio	41
Maryland	44	Maryland	36
New York	25	New York	25
Connecticut	13	Connecticut	13
New Jersey	12	New Jersey	12
Massachusetts	9	Massachusetts	10
Rhode Island	8	Rhode Island	8
District of Columbia	1	District of Columbia	1

* Nurses giving state-wide service not included in number of nurses giving local nursing service.

COUNTY SUMMARY

The extent to which parts of the United States are without public health nursing is brought out by the astonishing fact that 1,800 or 59 per cent of the total 3,045 counties in the country are without local nursing services. Chart V shows in what parts of the country these counties without nursing service are.

Only four states in the country had nursing services in every county of the states. Only nine all told had nursing services in three-fourths or more of their counties.

Twenty-five states had nursing services in less than one-half of their counties. Eight of these states had nursing services in less than one-fourth of their counties.

Table 6 gives for each state the percentage of the total number of the counties which had nursing services and which had no nursing services. It also shows what percentage of the counties had nursing services available for entire county or for only part of the county.

TABLE 6. PER CENT OF COUNTIES OF EACH STATE HAVING NURSING SERVICES AVAILABLE TO THE ENTIRE COUNTY, TO PART OF THE COUNTY, AND WITH NO NURSING SERVICES AVAILABLE

State (1)	Per cent of counties with: Nursing service available to entire county or part of county: Total (2)	Entire (3)	Part of county (4)	No nursing service (5)
Rhode Island	100	40	60	..
New Jersey	100	38	62	..
Connecticut	100	..	100	..
New Hampshire	100	..	100	..
New York	98	84	14	2
Maine	94	38	56	6
Pennsylvania	92	86	6	8
Massachusetts	86	22	64	14
Vermont	86	..	86	14
Maryland	71	71	..	29
Nevada	71	..	71	29
Illinois	70	51	19	30
Ohio	68	54	14	32
Michigan	67	42	25	33
Delaware	67	..	67	33
Iowa	67	37	30	33
Wisconsin	66	51	15	34
California	63	44	19	37
Indiana	59	41	18	41
Minnesota	58	43	15	42
Arizona	57	21	36	43
Washington	54	51	3	46
South Carolina	48	35	13	52
Virginia	42	32	10	58
Kansas	42	24	18	58
South Dakota	41	35	6	59
Wyoming	39	4	35	61
Oregon	39	39	..	61
North Carolina	37	31	6	63
New Mexico	35	21	14	65
Florida	34	19	15	66
Alabama	33	31	2	67
West Virginia	31	22	9	69
Nebraska	30	14	16	70
Missouri	30	21	9	70
North Dakota	29	25	4	71
Kentucky	28	22	6	72
Montana	28	14	14	72
Mississippi	27	21	6	73
Colorado	26	13	13	74
Tennessee	22	17	5	78
Oklahoma	20	12	8	80
Louisiana	19	17	2	81
Idaho	18	9	9	82
Arkansas	15	11	4	85
Texas	15	11	4	85
Georgia	10	6	4	90
Utah	10	10	..	90

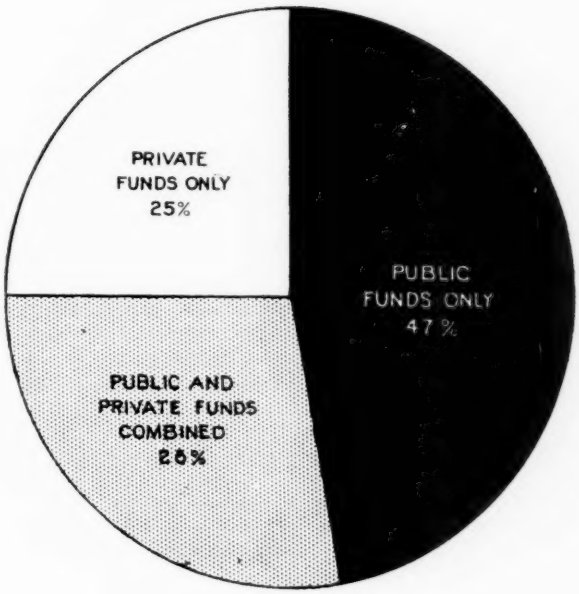
NURSING PROGRAM

Tables 7 and 8 summarize by geographical divisions of the United States the number of agencies giving specified nursing services and those giving specified kind of nursing care.

On pages 276 and 277 are tables giving this same information by states. In these tables boards of education doing public health nursing are included only under the headings of "school nursing" and "preventive or instructive care."

In Table 7 "morbidity care" means care of the sick other than care of patients suffering from tuberculosis, communicable and venereal diseases.

WHO PAYS FOR PUBLIC HEALTH NURSING



AGENCIES RECEIVING FUNDS FROM EACH SOURCE

GEOGRAPHICAL DIVISIONS	TOTAL AGENCIES	PUBLIC FUNDS	FEES	CONTRIBUTIONS AND SUBSCRIPTIONS	NOT STATED	SOURCE AND OF CONTRIBUTIONS SUBSCRIPTIONS		
						A. R. C.	XMAS SEAL SALE	OTHER
*UNITED STATES	3,109	2,224	849	1,347	134	637	530	776
NEW ENGLAND	553	415	281	263	21	104	104	200
*MIDDLE ATLANTIC	615	397	207	244	38	98	58	169
EAST NORTH CENTRAL	683	507	129	270	17	102	132	135
WEST NORTH CENTRAL	424	290	51	215	20	156	72	71
SOUTH ATLANTIC	270	206	76	128	9	67	57	81
EAST SOUTH CENTRAL	147	109	46	68	2	32	31	45
WEST SOUTH CENTRAL	117	78	18	63	13	36	18	31
MOUNTAIN	121	97	13	41	3	16	23	17
PACIFIC	179	125	28	55	11	26	35	27

*NEW JERSEY OMITTED

N.O.P.H.N. CENSUS, 1924
CHART VI

TABLE 7. AGENCIES GIVING SPECIFIED NURSING SERVICE, BY GEOGRAPHICAL DIVISIONS *

Geographical division	Total number of agencies *	Morbidity care	Maternity (pre-natal, delivery, postnatal or any combination)	Tuberculosis control	Communicable disease control	Venereal disease control	Pre-school (birth to 6 years)	School nursing: Total	School nursing: Boards of education	School nursing: All other agencies	Not stated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
United States	3109	1575	1718	1845	1475	1110	1663	2087	781	1306	131
New England	553	322	340	308	176	159	309	352	131	221	12
Middle Atlantic	615	306	321	326	273	211	302	357	180	177	20
East North Central	683	298	326	398	313	228	336	511	177	334	25
West North Central	424	217	205	251	234	133	206	332	142	190	24
South Atlantic	270	160	193	200	180	139	181	163	33	130	16
East South Central	147	103	120	119	103	92	114	94	9	85	5
West South Central	117	52	73	76	64	48	71	74	13	61	10
Mountain	121	39	52	52	38	34	50	91	55	36	2
Pacific	179	78	88	115	94	66	94	113	41	72	17

* Federal agencies and agencies in New Jersey omitted.

The nursing service given by any agency may be curative, preventive or instructive, or curative and instructive care combined.

More agencies throughout the United States did tuberculosis nursing than any other kind of nursing, if we exclude agencies doing school nursing.

Fewer agencies carried on venereal disease control.

The number of agencies not giving attention to educative measures was very small.

The largest group of agencies under "kind of nursing care" was, on the whole, that giving only "preventive or instructive care." However, if we exclude from this group the boards of education, the greatest number of agencies gave a nursing service which combined bedside care with instructive and preventive care.

TABLE 8. AGENCIES GIVING CURATIVE CARE, PREVENTIVE OR INSTRUCTIVE CARE, AND CURATIVE AND INSTRUCTIVE CARE COMBINED, BY GEOGRAPHICAL DIVISIONS *

Geographical divisions	Total number of agencies *	Curative care only	Instructive or preventive care only	Curative and instructive care combined	Not stated
(1)	(2)	(3)	(4)	(5)	(6)
United States	3109	45	1585	1348	131
New England	553	19	207	315	12
Middle Atlantic	615	12	292	291	20
East North Central	683	6	374	278	25
West North Central	424	3	280	117	24
South Atlantic	270	3	112	139	16
East South Central	147	1	76	65	5
West South Central	117	..	63	44	10
Mountain	121	1	83	35	2
Pacific	179	..	98	64	17

* Federal agencies and agencies in New Jersey omitted.

RECEIPTS

The part played by public funds in the carrying on of public health nursing in the United States is shown in Chart VI.

Forty-seven per cent of the agencies which gave information as to their receipts were supported entirely by public funds, and 75 per cent of the agencies received some support from public funds.

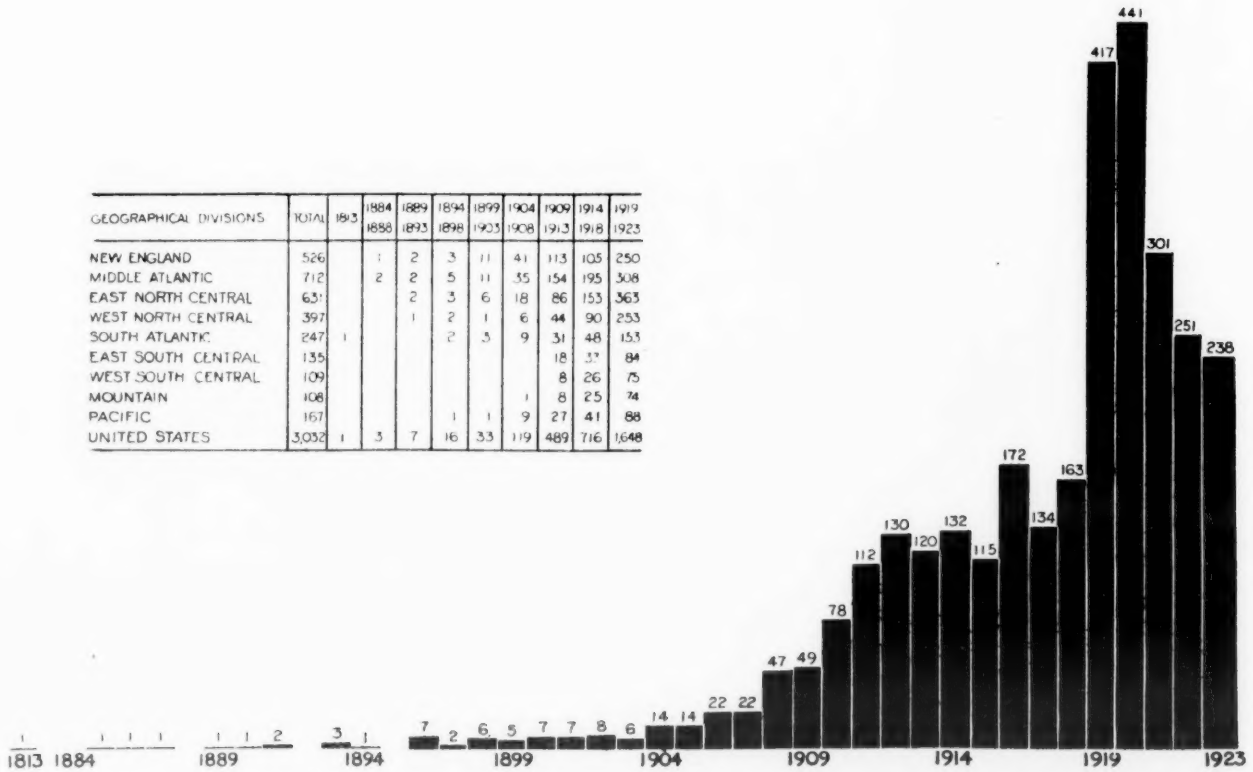
Private funds contributed to the support of 53 per cent of the agencies, 25 per cent being supported entirely by private funds.

It was impossible to make any statement about the amount of money re-

AGENCIES STARTING PUBLIC HEALTH NURSING EACH YEAR

(FOR AGENCIES IN EXISTENCE JANUARY 1, 1924)

GEOGRAPHICAL DIVISIONS	TOTAL	1813	1884 1888	1889 1893	1894 1898	1899 1903	1904 1908	1909 1913	1914 1918	1919 1923
NEW ENGLAND	526		1	2	3	11	41	113	105	250
MIDDLE ATLANTIC	712		2	2	5	11	35	154	195	308
EAST NORTH CENTRAL	631			2	3	6	18	86	153	363
WEST NORTH CENTRAL	397			1	2	1	6	44	90	253
SOUTH ATLANTIC	247	1			2	3	9	31	48	153
EAST SOUTH CENTRAL	135							18	33	84
WEST SOUTH CENTRAL	109							8	26	75
MOUNTAIN	108						1	8	25	74
PACIFIC	167				1	1	9	27	41	88
UNITED STATES	3,032	1	3	7	16	33	119	489	716	1,648



N.O.P.H.N. CENSUS, 1924
CHART VII

ceived from the various sources as few agencies gave any figures, merely indicating by what they were supported. However, it was possible to determine the various sources and the number of agencies receiving funds from them. The table on Chart VI gives this information.

In the country, as a whole, there were only 24 per cent of the agencies where the nursing service was not entirely free of charge. Column 3 of this table gives the number of the agencies which received pay for their nursing services. This includes all agencies receiving fees from patients themselves, from the Metropolitan Life Insurance Company, other insurance companies and from industries for the care of their policy holders or employees.

Forty-three per cent of the agencies received contributions and subscriptions. The last three columns of this same table gives the agencies receiving funds from the American Red Cross, Christmas Seal Sale, and other sources—which included Community Chest, endowment funds and miscellaneous contributions.

YEAR OF EMPLOYING FIRST GRADUATE NURSE

The year in which the agencies in existence on January 1, 1924, employed their first graduate nurse and the part of the country where nurses were first employed for public health nursing is so graphically brought out in the diagram and the table on Chart VII that comment seems unnecessary.

The nursing service of a few of these agencies was the outgrowth of that of another agency, which employed a nurse for public health nursing at an earlier date. This earlier date is not given and the number of nursing services which grew out of an earlier one is very small.

PUBLIC HEALTH NURSING IN CITIES OF 10,000 OR MORE POPULATION

The population of cities of 10,000 or more which had agencies employing public health nurses was approximately 40 per cent of the total population of the United States. But in these cities 74 per cent of all the public health nurses in the United States worked.

In table 9 we see that all cities of over 50,000 population, and all but two of the cities of 25,000 or more population had agencies employing public health nurses, while 75, or nearly one-sixth of the cities of 10,000 to 25,000 population had no public health nursing services.

In cities of 50,000 or more population public health nursing was con-

TABLE 9. CITIES OF 10,000 OR MORE POPULATION CLASSIFIED BY NUMBER OF AGENCIES IN EACH CITY EMPLOYING PUBLIC HEALTH NURSES

Number of agencies in each city (1)	Total number of agencies (2)	Cities of 500,000 or more (3)	Cities of 100,000 to 500,000 (4)	Cities of 50,000 to 100,000 (5)	Cities of 25,000 to 50,000 (6)	Cities of 10,000 to 25,000 (7)
Number of cities of 10,000 or more population	752*	12	56	76	143	465*
Number of cities of 10,000 or more population with agencies employing public health nurses	675	12	56	76	141	390
1 agency	192	..	1	7	23	161
2 agencies	232	3	10	19	48	152
3 agencies	150	4	24	25	41	56
4 agencies	66	2	10	14	23	17
5 agencies	24	1	7	9	4	3
6 agencies	7	1	1	2	2	1
7 or more agencies	4	1	3	..	..	..

* Includes 6 unincorporated towns in Connecticut.

ducted generally by three or more agencies. There were four cities, all of more than 100,000 population, which had seven or more agencies engaged in public health nursing.

In cities with less than 50,000 population most of the cities had one or two agencies doing public health nursing—but three cities of this group had six agencies each.

In the group of smallest cities almost half had only one agency.

It was only in the cities of 100,000 or more population as shown by Table 10 that there was any large number of agencies with more than five nurses. In the other cities there were few agencies with more than five nurses and a very great number with but one nurse. So in a large proportion of the cities of 10,000 to 50,000 population which had but one agency, this agency employed only one nurse and almost always fewer than six.

The staff of the agencies in cities of this same group which had more than one agency was frequently but one nurse. Four nurses was the largest size staff reported.

Table 11 shows the agencies administering public health nursing in the various city groups and the number of nurses employed.

In the smaller cities public health nursing was administered by a greater variety of agencies than in the larger cities. In the larger cities "boards of health" and "public health nursing associations or similar agencies" together administered nearly half of the total number of agencies and employed more than two-thirds of the total number of nurses.

TABLE 10. AGENCIES EMPLOYING FULL-TIME GRADUATE NURSES IN CITIES OF 10,000 OR MORE POPULATION, CLASSIFIED BY SIZE OF STAFF AND BY POPULATION GROUP

Size of staff (1)	Total number of agencies (2)	Cities of 500,000 or more (3)	Cities of 100,000 to 500,000 (4)	Cities of 50,000 to 100,000 (5)	Cities of 25,000 to 50,000 (6)	Cities of 10,000 to 25,000 (7)
Total number of agencies	1575	52	199	236	366	722
Agencies with one nurse	824	4	24	70	178	548
Agencies with 2 to 5 nurses	495	6	61	106	157	165
Agencies with 6 to 9 nurses	98	3	26	37	23	9
Agencies with 10 or more nurses	158	39	88	23	8	..

TABLE 11. AGENCIES EMPLOYING FULL-TIME GRADUATE NURSES AND NUMBER OF FULL-TIME GRADUATE NURSES EMPLOYED IN CITIES OF 10,000 OR MORE POPULATION, CLASSIFIED BY TYPE OF ADMINISTRATION AND BY POPULATION GROUP

Administration (1)	Total number (2)	Cities of 500,000 and over (3)	Cities of 100,000 to 500,000 (4)	Cities of 50,000 to 100,000 (5)	Cities of 25,000 to 50,000 (6)	Cities of 10,000 to 25,000 (7)
Total number of agencies and nurses	1575–8293*	52–3090*	199–2348*	236–965*	366–887*	722–1003*
Official administration:						
Boards of health	345–2939	12–1448	62–765	53–259	90–254	128–213
Boards of education	410–1334	5–254	40–405	54–220	91–191	220–264
Other official boards	74–254	2–152	4–14	13–19†	20–28	35–41
Joint administration, two or more official boards	10–16	...	...	...	2–5	8–11
Non-official administration:						
Public health nursing association or similar agency	201–2269	12–814	39–861	36–261	44–192	70–141
American Red Cross chapters and branches	113–201	1–8	5–18	15–46	18–33	74–96†
Tuberculosis association	90–185	3–22	13–59	23–42	19–21†	32–41
Public health association	28–45	...	2–5	2–6	6–16	18–18†
Metropolitan Life Insurance Company services	158–232	6–28	14–59	24–29	40–40	74–76
Other non-official agencies	131–789	11–364	19–159	16–83	32–98	53–85
Joint administration, two or more non-official agencies	9–16	...	1–3	...	2–7	6–6
Joint official and non-official administration	6–13	...	...	...	2–2	4–11

* Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

† One or more agencies temporarily without a nurse.

CENSUS OF PUBLIC HEALTH NURSING IN UNITED STATES

Exclusive of Hospital Social Service, Dispensary, and Industrial Nursing, January 1, 1924

TABLE 12. GENERAL SUMMARY

	Number of agencies	Number of full-time graduate nurses
I. DISTRIBUTION OF AGENCIES		
The United States	3,269	11,171
Classified according to type of administration:		
National agencies		
Official administration	3	422*
Non-official administration	4	63
The states	3,262	10,686
State agencies		
Official administration	59	537
Non-official administration	20	44
Local agencies	3,183	10,105
Official administration:		
Boards of health	515	3,169
Boards of education	821	1,772
Other official boards	229	415
Joint administration, two or more official boards	38	46
Non-official administration:		
Public health nursing associations or similar agencies	398	2,516
American Red Cross chapters and branches	473	574
Tuberculosis associations	128	227
Public health associations	103	125
Metropolitan Life Insurance Company services	181	258
Other non-official agencies	243	936
Joint administration, two or more non-official agencies	24	30
Joint official and non-official administration	30	37
Classified according to size of staff:		
Agencies with one nurse	2,320**	2,298**
Agencies with two or more nurses:		
With two to nine nurses	775	2,624
With ten or more nurses	174	6,249

II. DISTRIBUTION OF NURSES	
Classified by nature of activity:	
Number giving indirect care	881
Number giving direct care	10,290
Clasified by color:	
Number of white nurses	10,803
Number of negro nurses	365
Number of Indian nurses	3
III. COUNTY SUMMARY	
Number of counties in the United States	3,045†
Number of counties having local nursing services available for entire area	866
Number of counties having local nursing services available for part of the area	379
Number of counties without local nursing services	1,800

* 406 nurses under U. S. Veterans' Bureau are allocated to individual states and are counted in the totals for each state. See state reports, "Federal Agencies." One nurse under the United States Department of Interior, Bureau of Indian Affairs, allocated to Oregon and counted in the totals for Oregon. See Oregon state report, "Federal Agencies."

** One or more agencies temporarily without a nurse or nurses.

† For purposes of comparison 20 independent cities in Virginia are included in the counties, in which they are located.

No information has been received from 6 agencies in New Jersey and this number of agencies is not included in the total for the United States.

NEW ENGLAND DIVISION OF THE UNITED STATES

TABLE 13. GENERAL SUMMARY

	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut
Area in square miles	29,895	9,031	9,124	8,039	1,067	4,820
Population (United States Census, 1920)	768,014	443,083	352,428	3,852,356	604,397	1,380,631
PUBLIC HEALTH NURSING IN THE STATES						
I. DISTRIBUTION OF AGENCIES						
The state	69–89*	71–120*	30–39*	232–855*	27–134*	130–379*
Classified according to type of administration:						
Federal agencies	1–4	1–3	1–1	1–44	1–4	1–6
State agencies:						
Official administration	1–3	2–8	1–2	1–13	1–3	2–10
Non-official administration	1–1	1–12	1–2	...	...	...
Local agencies	66–81	67–97	27–34	230–798	25–127	127–363
Official administration:						
Boards of health	3–13	5–17	...	46–181	2–20	10–83
Boards of education	14–15	15–15	7–7	54–125	1–1	39–48
Other official boards	2–2	...	...	11–12	...	1–5
Joint administration, two or more official boards	1–1	...	...	7–7	...	...
Non-official administration:						
Public health nursing associations or similar agencies	6–7	26–41	4–8	74–237	15–85	51–187
American Red Cross chapters and branches	16–20	12–12	4–5	9–12	3–15	12–15
Tuberculosis associations	4–4†	...	...	2–3	...	2–5
Public health associations	9–9	6–6	1–1	4–4	...	4–5
Metropolitan Life Insurance Company services	6–6	...	2–2	6–6	1–1	1–1
Other non-official agencies	4–3†	2–5	7–9	14–205	3–5	7–14
Joint administration, two or more non-official agencies	1–1	...	2–2	2–4	...	...
Joint official and non-official administration	...	1–1	...	1–2	...	...
Classified according to size of staff:						
Agencies with one nurse	61–59†	57–57	25–25	148–148	13–13	89–89
Agencies with two or more nurses:						
With two to nine nurses	7–19	12–40	5–14	67–204	11–38	34–115
With ten or more nurses	1–11	2–23	...	17–503	3–83	7–175
II. DISTRIBUTION OF NURSES						
Classified by nature of activity:						
Number giving indirect care to patients	4	6	1	59	8	28
Number giving direct care to patients	85	114	38	796	126	351
Classified by color:						
Number of white nurses	89	120	39	853	134	376
Number of negro nurses	0	0	0	2	0	3
III. RATIOS OF DISTRIBUTION						
Number of square miles to one nurse entire state	336	77	234	9	8	13
‡Number of square miles to one nurse in counties having nursing services	363	77	253	10	8	13
Number of people to one nurse entire state	8,629	3,692	9,037	4,506	4,510	3,642
‡Number of people to one nurse in counties having nursing services	9,284	3,692	9,905	4,819	4,510	3,642
IV. COUNTY SUMMARY						
Number of counties in state	16	10	14	14	5	8
Number of counties having local nursing services available for entire area	6	0	0	3	2	0
Number of counties having local nursing services available for part of area	9	10	12	9	3	8
Number of counties without local nursing services	1	0	2	2	0	0

* Figure before the dash indicates *Number of Agencies*, figure after the dash indicates *Number of Nurses*.
† One or more agencies temporarily without a nurse or nurses. ‡ Nurses giving state-wide service not included.

MIDDLE ATLANTIC DIVISION OF THE UNITED STATES

TABLE 14. GENERAL SUMMARY

	New York	New Jersey	Pennsylvania
Area in square miles	47,654	7,514	44,832
Population (United States Census, 1920)	10,385,227	3,155,900	8,720,017
PUBLIC HEALTH NURSING IN THE STATES			
I. DISTRIBUTION OF AGENCIES			
The state	403–1884*	154–614*	214–961*
Classified according to type of administration:			
Federal agencies	1–43	1–8	1–45
State agencies:			
Official administration	3–56	1–106	2–124
Non-official administration	...	1–1	...
Local agencies	399–1785	151–499	211–792
Official administration:			
Boards of health	64–760	17–129	7–131
Boards of education	127–219	48–157	51–175
Other official boards	42–43	4–5	...
Joint administration, two or more official boards	9–9	7–12	...
Non-official administration:			
Public health nursing associations or similar agencies	40–465	27–93	38–327
American Red Cross chapters and branches	18–26	14–18	66–83
Tuberculosis associations	22–30	6–31	3–5
Public health associations	6–6	2–2	2–2
Metropolitan Life Insurance Company services	30–41	13–28	16–20
Other non-official agencies	34–178	10–21	27–48
Joint administration, two or more non-official agencies	2–2	2–2	1–1
Joint official and non-official administration	5–6	1–1	...
Classified according to size of staff:			
Agencies with one nurse	294–294	87–87	150–150
Agencies with two or more nurses:			
With two to nine nurses	86–293	55–196	52–181
With ten or more nurses	23–1297	12–331	12–630
II. DISTRIBUTION OF NURSES			
Classified by nature of activity:			
Number giving indirect care to patients	187	34	52
Number giving direct care to patients	1,697	580	909
Classified by color:			
Number of white nurses	1,809	604	930
Number of negro nurses	75	10	31
III. RATIOS OF DISTRIBUTION			
Number of square miles to one nurse entire state	25	12	47
‡Number of square miles to one nurse in counties having nursing services	25	12	45
Number of people to one nurse entire state	5,512	5,140	9,074
‡Number of people to one nurse in counties having nursing services	5,512	5,140	9,492
IV. COUNTY SUMMARY			
Number of counties in state	62	21	67
Number of counties having local nursing services available for entire area	52	8	58
Number of counties having local nursing services available for part of area	9	13	4
Number of counties without local nursing services	1	0	5

* Figure before the dash indicates *Number of Agencies*, figure after the dash indicates *Number of Nurses*.
‡ Nurses giving state-wide service not included.

EAST NORTH CENTRAL DIVISION OF THE UNITED STATES

TABLE 15. GENERAL SUMMARY

	Ohio	Indiana	Illinois	Michigan	Wisconsin
Area in square miles	40,740	36,045	56,043	57,480	55,256
Population (United States Census, 1920)	5,759,394	2,930,390	6,485,280	3,668,412	2,632,067
PUBLIC HEALTH NURSING IN THE STATES					
I. DISTRIBUTION OF AGENCIES					
The state	175–730*	100–244*	176–790*	126–522*	111–253*
Classified according to type of administration:					
Federal agencies	1–15	1–9	1–28	1–8	1–5
State agencies:					
Official administration	1–11	2–9	1–5	1–8	1–12
Non-official administration	1–2	...	...	...	1–3
Local agencies	172–702	97–226	174–757	124–506	108–233
Official administration:					
Boards of health	78–313	6–48	7–180	23–278	20–107
Boards of education	31–99	20–38	61–87	37–60	27–28
Other official boards	...	2–3	25–185	13–19†	45–46
Joint administration, two or more official boards	1–1	...	3–3	1–1	...
Non-official administration:					
Public health nursing associations or similar agencies	14–200	13–61	13–147	8–92	6–40
American Red Cross chapters and branches	11–13	19–25	15–19	19–26	1–1
Tuberculosis associations	1–1	16–23	26–51	6–8	...
Public health associations	7–10	...	1–4	1–1	...
Metropolitan Life Insurance Company services	9–10	4–4	6–6	5–5	4–4
Other non-official agencies	17–52	11–18	13–68	10–15	4–6
Joint administration, two or more non-official agencies	...	4–4	3–6	...	...
Joint official and non-official administration	3–3	2–2	1–1	1–1	1–1
Classified according to size of staff:					
Agencies with one nurse	116–116	74–74	121–121	93–92†	94–94
Agencies with two or more nurses:					
With two to nine nurses	42–142	24–103	48–149	29–138	14–49
With ten or more nurses	17–472	2–67	7–520	4–292	3–110
II. DISTRIBUTION OF NURSES					
Classified by nature of activity:					
Number giving indirect care to patients	66	20	53	35	14
Number giving direct care to patients	664	224	737	487	239
Classified by color:					
Number of white nurses	719	244	749	522	253
Number of negro nurses	11	0	41	0	0
III. RATIOS OF DISTRIBUTION					
Number of square miles to one nurse entire state	56	148	71	110	219
‡Number of square miles to one nurse in counties having nursing services	41	96	57	80	159
Number of people to one nurse entire state	7,933	12,009	8,209	7,027	10,403
‡Number of people to one nurse in counties having nursing services	7,254	9,816	7,957	6,589	9,384
IV. COUNTY SUMMARY					
Number of counties in state	88	92	102	83	71
Number of counties having local nursing services available for entire area	48	38	52	35	36
Number of counties having local nursing services available for part of area	12	16	19	21	11
Number of counties without local nursing services	28	38	31	27	24

* Figure before the dash indicates *Number of Agencies*, figure after the dash indicates *Number of Nurses*.
† One or more agencies temporarily without a nurse or nurses.
‡ Nurses giving state-wide service not included.

WEST NORTH CENTRAL DIVISION OF THE UNITED STATES

TABLE 16. GENERAL SUMMARY

	Minnesota	Iowa	Missouri	North Dakota	South Dakota	Nebraska	Kansas
Area in square miles	80,858	55,586	68,727	70,183	76,867	76,808	81,774
Population (United States Census, 1920)	2,387,125	2,404,021	3,404,055	646,872	636,547	1,296,372	1,769,257
PUBLIC HEALTH NURSING IN THE STATES							
I. DISTRIBUTION OF AGENCIES							
The state	106–317*	104–182*	49–252*	22–27*	34–36*	42–100*	73–128*
Classified according to type of administration:							
Federal agencies	1–18	1–3	1–9	1–2	1–3	1–4	...
State agencies:							
Official administration	1–5	...**	2–4	1–1	1–1	2–6	1–2
Non-official administration	1–1	1–3**	...	1–0	...	...	1–1
Local agencies	103–293	102–176	46–239	19–24	32–32	39–90	71–125
Official administration:							
Boards of health	7–33	3–15	9–45	1–1	3–7	2–4	8–12
Boards of education	45–134	36–62	7–74	4–6	6–6	14–36	28–38
Other official boards	12–15	4–4	5–5	4–4	6–6	...	3–5
Joint administration, two or more official boards	1–1	...	...	...	...	...	1–1
Non-official administration:							
Public health nursing associations or similar agencies	4–33	11–41	3–91	...	...	1–27	8–43
American Red Cross chapters and branches	18–18	39–38†	14–13†	8–8	15–11†	19–19	16–16
Tuberculosis associations	...	...	1–2	...	...	1–2	1–1
Public health associations	3–5	...	...	...	2–2	...	3–6
Metropolitan Life Insurance Company services	3–6	1–1	3–3	...	...	1–1	...
Other non-official agencies	8–46	7–9	4–6	1–4	...	...	...
Joint administration, two or more non-official agencies	1–1	...	...	...	...	1–1	...
Joint official and non-official administration	1–1	1–6	...	1–1	...	...	3–3
Classified according to size of staff:							
Agencies with one nurse	82–82	82–81†	35–34†	18–17†	31–27†	34–34	60–60
Agencies with two or more nurses:							
With two to nine nurses	17–66	19–58	9–31	4–10	3–9	6–21	11–39
With ten or more nurses	7–169	3–43	5–187	...	...	2–45	2–29
II. DISTRIBUTION OF NURSES							
Classified by nature of activity:							
Number giving indirect care to patients	20	12	23	1	1	6	3
Number giving direct care to patients	297	170	229	26	35	94	125
Classified by color:							
Number of white nurses	315	182	226	27	36	99	121
Number of negro nurses	0†‡	0	26	0	0	0††	7
III. RATIOS OF DISTRIBUTION							
Number of square miles to one nurse entire state	255	305	278	2,599	2,135	768	639
‡Number of square miles to one nurse in counties having nursing services	174	223	85	855	911	198	269
Number of people to one nurse entire state	7,530	13,209	13,508	23,958	17,682	12,964	13,822
‡Number of people to one nurse in counties having nursing services	6,209	10,687	8,561	11,783	10,555	7,456	9,325
IV. COUNTY SUMMARY							
Number of counties in state	86	99	115	53	68	93	105
Number of counties having local nursing services available for entire area	37	36	24	13	24	13	25
Number of counties having local nursing services available for part of area	13	30	10	2	4	15	19
Number of counties without local nursing services	36	33	81	38	40	65	61

* Figure before the dash indicates *Number of Agencies*, figure after the dash indicates *Number of Nurses*.

** Director of the Iowa State Tuberculosis Association acted as Director of Public Health Nursing under the State Department of Health, her salary being paid by the Iowa State Tuberculosis Association.

† One or more agencies temporarily without a nurse or nurses.

‡ Nurses giving state-wide service not included.

†† Two Indian nurses in Minnesota and one in Nebraska.

SOUTH ATLANTIC DIVISION OF THE UNITED STATES

TABLE 17. GENERAL SUMMARY

	Delaware	Maryland	District of Columbia	Virginia	West Virginia	North Carolina	South Carolina	Georgia	Florida
Area in square miles	1,965	9,941	60	40,262	24,022	48,740	30,495	58,725	54,861
Population (United States Census, 1920)	223,003	1,449,661	437,571	2,309,187	1,463,701	2,559,123	1,683,724	2,895,832	968,470
PUBLIC HEALTH NURSING IN THE STATES									
I. DISTRIBUTION OF AGENCIES									
The state	5–50*	25–224*	4–52*	69–183*	39–73*	52–122*	35–58*	22–102*	27–45*
Classified according to type of administration:									
Federal agencies	...	1–7	1–6	1–5	1–2	1–3	1–4	1–4	1–1
State agencies:									
Official administration	1–12	1–11	...	1–16	1–4	1–13	1–8	1–3	1–5
Non-official administration	...	...	...	...	1–2	...	1–1	...	...
Local agencies	4–18	23–206	3–46	67–162	36–65	50–106	32–45	20–95	25–39
Official administration:									
Boards of health	...	5–129	1–11	21–57	8–12	28–82†	12–15	8–42	5–12
Boards of education	1–4	2–2	...	10–27	12–25	3–4	3–5	...	2–2
Other official boards	...	...	...	2–2	3–3	1–1	...	...	2–3
Joint administration, two or more official boards	...	...	...	...	...	...	...	...	1–1
Non-official administration:									
Public health nursing associations or similar agencies	2–13	1–29	1–32	10–34	2–10	...	2–10	1–9	...
American Red Cross chapters and branches	...	5–6	...	12–12	4–8	9–10	2–2	3–3	6–8
Tuberculosis associations	...	1–1	...	...	4–4	...	1–1	1–6	...
Public health associations	...	6–11	...	2–2	...	...	...	...	1–1
Metropolitan Life Insurance Company services	...	1–1	...	4–5	2–2	5–5	5–5	5–16	4–4
Other non-official agencies	1–1	2–27	1–3	4–19	1–1	4–4	2–2	1–18	4–8
Joint administration, two or more non-official agencies	...	...	...	2–4	...	...	...	...	...
Joint official and non-official administration	...	...	...	....	...	...	5–5	1–1	...
Classified according to size of staff:									
Agencies with one nurse	2–2	12–12	...	45–45	25–25	34–32†	28–28	10–10	19–19
Agencies with two or more nurses:									
With two to nine nurses	1–4	9–26	1–3	19–60	14–48	15–53	7–30	8–37	8–26
With ten or more nurses	2–24	4–186	3–49	5–78	...	3–37	...	4–55	...
II. DISTRIBUTION OF NURSES									
Classified by nature of activity:									
Number giving indirect care to patients	3	23	4	13	9	3	5††	7	2
Number giving direct care to patients	27	201	48	170	64	119	53	95	43
Classified by color:									
Number of white nurses	28	216	47	161	71	106	55	78	34
Number of negro nurses	2	8	5	22	2	16	3	24	11
III. RATIOS OF DISTRIBUTION									
Number of square miles to one nurse entire state	66	44	1	220	329	399	509	575	1,219
‡Number of square miles to one nurse in counties having nursing services	66	36	1	111	121	190	332	61	549
Number of people to one nurse entire state	7,433	6,472	8,415	12,618	20,051	20,976	29,030	28,391	21,522
‡Number of people to one nurse in counties having nursing services	7,433	6,401	8,415	9,020	11,361	13,207	23,638	8,752	14,119
IV. COUNTY SUMMARY									
Number of counties in state	3	24	1	100‡‡	55	100	46	155	54
Number of counties having local nursing services available for entire area	0	17	1	32	12	31	16	9	10
Number of counties having local nursing services available for part of area	2	0	0	10	5	6	6	7	8
Number of counties without local nursing services	1	7	0	58	38	63	24	139	36

* Figure before the dash indicates *Number of Agencies*, figure after the dash indicates *Number of Nurses*.
† One or more agencies temporarily without a nurse or nurses.
†† One negro nurse.
‡ Nurses giving state-wide care not included.
‡‡ For purposes of comparison 20 independent cities are combined with counties in which they are located.

EAST SOUTH CENTRAL DIVISION OF THE UNITED STATES

TABLE 18. GENERAL SUMMARY

	Kentucky	Tennessee	Alabama	Mississippi
Area in square miles	40,181	41,687	51,279	46,362
Population (United States Census, 1920)	2,416,630	2,337,885	2,348,174	1,790,618
PUBLIC HEALTH NURSING IN THE STATES				
I. DISTRIBUTION OF AGENCIES				
The state	46–117*	41–141*	36–78*	28–37*
Classified according to type of administration:				
Federal agencies	1–7	1–5	1–3	1–5
State agencies:				
Official administration	1–5	1–2	1–4	1–4
Non-official administration	...	...	...	...
Local agencies	44–105	39–134	34–71	26–28
Official administration:				
Boards of health	7–22	11–54	21–50	6–8
Boards of education	2–6	5–11	2–5	...
Other official boards	...	2–2	...	11–11
Joint administration, two or more official boards	...	...	...	...
Non-official administration:				
Public health nursing associations or similar agencies	2–40	2–32	1–1	...
American Red Cross chapters and branches	9–9	6–4†	1–1	3–3
Tuberculosis associations	1–1	3–6	3–7†	1–1
Public health associations	12–15	1–1	...	...
Metropolitan Life Insurance Company services	5–6	4–8	5–6	4–4
Other non-official agencies	6–6	5–16	1–1	1–1
Joint administration, two or more non-official agencies	...	...	...	...
Joint official and non-official administration	...	...	...	...
Classified according to size of staff:				
Agencies with one nurse	29–29	19–17†	23–22†	24–24
Agencies with two or more nurses:				
With two to nine nurses	16–55	18–54	12–42	4–13
With ten or more nurses	1–33	4–70	1–14	...
II. DISTRIBUTION OF NURSES				
Classified by nature of activity:				
Number giving indirect care to patients	6	7	6	1
Number giving direct care to patients	111	134	72	36
Classified by color:				
Number of white nurses	113	118	63	37
Number of negro nurses	4	23	15	0
III. RATIOS OF DISTRIBUTION				
Number of square miles to one nurse entire state	343	295	657	1,253
‡Number of square miles to one nurse in counties having nursing services	111	81	260	460
Number of people to one nurse entire state	20,655	16,581	30,105	48,395
‡Number of people to one nurse in counties having nursing services	10,977	8,370	17,019	21,939
IV. COUNTY SUMMARY				
Number of counties in state	120	95	67	82
Number of counties having local nursing services available for entire area	27	16	21	17
Number of counties having local nursing services available for part of area	7	5	1	5
Number of counties without local nursing services	86	74	45	69

* Figure before the dash indicates *Number of Agencies*, figure after the dash indicates *Number of Nurses*.
† One or more agencies temporarily without a nurse or nurses. ‡ Nurses giving state-wide care not included.

WEST SOUTH CENTRAL DIVISION OF THE UNITED STATES

TABLE 19. GENERAL SUMMARY

	Arkansas	Louisiana	Oklahoma	Texas
Area in square miles	52,525	45,409	69,414	262,398
Population (United States Census, 1920)	1,752,204	1,798,509	2,028,283	4,663,228
PUBLIC HEALTH NURSING IN THE STATES				
I. DISTRIBUTION OF AGENCIES				
The state	20–28*	18–81*	25–54*	58–143*
Classified according to type of administration:				
Federal agencies	1–3	1–6	1–2	1–14
State agencies:				
Official administration	1–3	1–2	1–6	1–6
Non-official administration	...	...	1–1	1–1
Local agencies	18–22	16–73	22–45	55–122
Official administration:				
Boards of health	3–3	9–19	1–1	11–38
Boards of education	2–4	1–9	3–5	7–17
Other official boards	...	...	...	6–6
Joint administration, two or more official boards	...	...	...	...
Non-official administration:				
Public health nursing associations or similar agencies	...	...	1–16	1–1
American Red Cross chapters and branches	7–7	3–5	4–4	20–31
Tuberculosis associations	2–4	...	1–2	3–9
Public health associations	1–1	...	9–14	2–2
Metropolitan Life Insurance Company services	2–2	1–6	1–1	...
Other non-official agencies	1–1	2–34	1–1	5–18
Joint administration, two or more non-official agencies	...	...	...	...
Joint official and non-official administration	...	...	1–1	...
Classified according to size of staff:				
Agencies with one nurse	15–15	11–11	18–18	38–38
Agencies with two or more nurses:				
With two to nine nurses	5–13	5–26	6–20	17–65
With ten or more nurses	...	2–44	1–16	3–40
II. DISTRIBUTION OF NURSES				
Classified by nature of activity:				
Number giving indirect care to patients	0	7	6	10
Number giving direct care to patients	28	74	48	133
Classified by color:				
Number of white nurses	26	74	52	130
Number of negro nurses	2	7	2	13
III. RATIOS OF DISTRIBUTION				
Number of square miles to one nurse entire state	1,875	561	1,285	1,835
‡Number of square miles to one nurse in counties having nursing services	382	123	340	317
Number of people to one nurse entire state	62,578	22,204	37,561	32,610
‡Number of people to one nurse in counties having nursing services	20,221	10,659	15,561	16,162
IV. COUNTY SUMMARY				
Number of counties in state	75	64	77	253
Number of counties having local nursing services available for entire area	8	11	9	27
Number of counties having local nursing services available for part of area	3	1	6	10
Number of counties without local nursing services	64	52	62	216

* Figure before the dash indicates *Number of Agencies*, figure after the dash indicates *Number of Nurses*.
‡ Nurses giving state-wide care not included.

MOUNTAIN DIVISION OF THE UNITED STATES

TABLE 20. GENERAL SUMMARY

	Montana	Idaho	Wyoming	Colorado	New Mexico	Arizona	Utah	Nevada
Area in square miles	146,131	83,354	97,548	103,658	122,503	113,810	82,184	109,821
Population (United States Census, 1920)	548,889	431,866	194,402	939,629	360,350	334,162	449,396	77,407
PUBLIC HEALTH NURSING IN THE STATES								
I. DISTRIBUTION OF AGENCIES								
The state	19–26*	11–12*	13–17*	36–90*	15–18*	21–34*	11–39*	1–6*
Classified according to type of administration:								
Federal agencies	1–4	...	1–2	1–12	1–3	1–5	1–3	...
State agencies:								
Official administration	1–4	1–2	1–2	2–2	2–3	1–5	2–4	1–6
Non-official administration	...	1–1	1–1	1–3	...	...	1–3	...
Local agencies	17–18	9–9	10–12	32–73	12–12	19–24	7–29	...
Official administration:								
Boards of health	2–4	...	1–3	1–1	5–5	...	2–21	...
Boards of education	8–7†	3–3	9–9	13–23	5–5	13–16	2–2	...
Other official boards	...	...	...	3–3	...	1–2	...	...
Joint administration, two or more official boards	...	...	...	1–4	...	1–1	1–1	...
Non-official administration:								
Public health nursing associations or similar agencies	...	1–1	...	2–28	...	...	...	...
American Red Cross chapters and branches	...	5–5	...	3–4	2–2	1–0†	...	...
Tuberculosis associations	2–2	...	...	2–3	...	...	...	...
Public health associations	1–1	...	...	5–5	...	...	...	...
Metropolitan Life Insurance Company services	2–2	...	...	...	...	...	2–5	...
Other non-official agencies	...	...	...	2–2	...	2–4	...	...
Joint administration, two or more non-official agencies	1–1	...	...	...	...	1–1	...	...
Joint official and non-official administration	1–1	...	...	...	...	...	...	...
Classified according to size of staff:								
Agencies with one nurse	15–14†	10–10	10–10	28–28	13–13	14–13†	5–5	...
Agencies with two or more nurses:								
With two to nine nurses	4–12	1–2	3–7	5–16	2–5	7–21	5–17	1–6
With ten or more nurses	...	...	...	3–46	...	...	1–17	...
II. DISTRIBUTION OF NURSES								
Classified by nature of activity:								
Number giving indirect care to patients	4	0	1	6	1	1	1	0
Number giving direct care to patients	22	12	16	84	17	33	38	6
Classified by color:								
Number of white nurses	26	12	17	90	18	34	39	6
Number of negro nurses	0	0	0	0	0	0	0	0
III. RATIOS OF DISTRIBUTION								
Number of square miles to one nurse entire state	5,620	6,946	5,739	1,152	6,806	3,347	2,108	18,304
‡Number of square miles to one nurse in counties having nursing services	2,377	1,571	4,991	438	3,547	2,637	115	11,001
Number of people to one nurse entire state	21,111	35,989	11,435	10,440	20,019	9,828	11,523	12,901
‡Number of people to one nurse in counties having nursing services	15,593	17,763	9,797	8,899	13,486	10,912	8,398	7,220
IV. COUNTY SUMMARY								
Number of counties in state	51	44	23	63	29	14	29	17
Number of counties having local nursing services available for entire area	7	4	1	8	6	3	3	0
Number of counties having local nursing services available for part of area	7	4	8	8	4	5	0	0
Number of counties without local nursing services	37	36	14	47	19	6	26	17††

* Figure before the dash indicates *Number of Agencies*, figure after the dash indicates *Number of Nurses*.
† One or more agencies temporarily without a nurse or nurses.
‡ Nurses giving state-wide care not included.
†† The nursing service of the 6 nurses under state administration was available for 12 counties.

PACIFIC DIVISION OF THE UNITED STATES

TABLE 21. GENERAL SUMMARY

	Washington	Oregon	California
Area in square miles	66,836	95,607	155,652
Population (United States Census, 1920)	1,356,621	783,389	3,426,861
PUBLIC HEALTH NURSING IN THE STATES			
I. DISTRIBUTION OF AGENCIES			
The state	43–106*	27–48*'	113–473*
Classified according to type of administration:			
Federal agencies	1–5	2–4	1–30
State agencies:			
Official administration	1–2	1–1	2–13
Non-official administration	...	1–4	1–1
Local agencies	41–99	23–39	109–429
Official administration:			
Boards of health	7–22	2–7	17–173
Boards of education	7–32	6–7	28–113
Other official boards	9–12†	...	10–11
Joint administration, two or more official boards	...	...	3–3
Non-official administration:			
Public health nursing associations or similar agencies	2–7	1–15	4–13
American Red Cross chapters and branches	5–14	1–0†	14–23
Tuberculosis associations	6–6	...	6–8
Public health associations	...	12–9†	...
Metropolitan Life Insurance Company services	3–3	1–1	14–31
Other non-official agencies	2–3	...	12–54
Joint administration, two or more non-official agencies	...	...	1–0†
Joint official and non-official administration	...	...	...
Classified according to size of staff:			
Agencies with one nurse	25–24†	18–15†	67–66†
Agencies with two or more nurses:			
With two to nine nurses	16–52	8–18†	34–115
With ten or more nurses	2–30	1–15	12–292
II. DISTRIBUTION OF NURSES			
Classified by nature of activity:			
Number giving indirect care to patients	5	7	32
Number giving direct care to patients	101	41	441
Classified by color:			
Number of white nurses	106	48	473
Number of negro nurses	0	0	0
III. RATIOS OF DISTRIBUTION			
Number of square miles to one nurse entire state	655	1,992	329
‡Number of square miles to one nurse in counties having nursing services	384	747	248
Number of people to one nurse entire state	13,300	16,321	7,245
‡Number of people to one nurse in counties having nursing services	12,069	13,447	7,477
IV. COUNTY SUMMARY			
Number of counties in state	39	36	58
Number of counties having local nursing services available for entire area	20	14	26
Number of counties having local nursing services available for part of area	1	0	11
Number of counties without local nursing services	18	22	21

* Figure before the dash indicates *Number of Agencies*, figure after the dash indicates *Number of Nurses*.
† One or more agencies temporarily without a nurse or nurses. ‡ Nurses giving state-wide care not included.

TABLE 22. AGENCIES GIVING SPECIFIED NURSING SERVICE, BY STATES

Division and state	Total number of agencies*	Morbidity care	Maternity (prenatal, delivery, postnatal or any combination)	Tuberculosis control	Communicable disease control	Venereal disease control	Pre-school (birth to 6 years)	School nursing: Total	School nursing: Boards of education	School nursing: All other agencies	Not stated
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
United States	3,109	1,575	1,718	1,845	1,475	1,110	1,663	2,087	781	1,306	131
New England											
Maine	68	42	44	35	21	23	38	44	14	30	3
New Hampshire	70	46	47	33	17	19	46	51	15	36	..
Vermont	29	19	18	18	10	4	17	17	7	10	..
Massachusetts	231	118	131	126	69	61	117	134	54	80	8
Rhode Island	26	21	22	21	12	16	22	14	1	13	..
Connecticut	129	76	78	75	47	36	69	92	40	52	1
Middle Atlantic											
New York	402	189	204	220	180	140	196	227	128	99	3
Pennsylvania	213	117	117	106	93	71	106	130	52	78	17
East North Central											
Ohio	174	94	100	113	103	79	97	127	31	96	9
Indiana	99	58	45	58	26	22	46	67	21	46	5
Illinois	175	46	55	78	59	48	64	136	61	75	3
Michigan	125	40	53	58	41	35	48	93	37	56	5
Wisconsin	110	60	73	91	84	44	81	88	27	61	3
West North Central											
Minnesota	105	46	46	56	49	33	45	83	45	38	5
Iowa	103	73	51	82	80	29	48	78	36	42	11
Missouri	48	36	40	38	37	34	41	39	8	31	..
North Dakota	21	7	10	10	7	6	11	18	4	14	..
South Dakota	33	18	20	16	16	4	19	24	6	18	2
Nebraska	41	14	14	21	21	7	17	35	15	20	1
Kansas	73	23	24	28	24	20	25	55	28	27	5
South Atlantic											
Delaware	5	4	4	4	3	3	4	3	1	2	..
Maryland	24	19	21	20	16	13	20	17	2	15	..
District of Columbia	3	2	3	3	3	3	3	1	..	1	..
Virginia	68	39	53	54	46	30	47	45	10	35	2
West Virginia	38	15	17	24	21	14	18	20	12	8	2
North Carolina	51	31	41	38	37	30	37	28	3	25	3
South Carolina	34	27	27	28	27	21	25	27	3	24	1
Georgia	21	12	13	14	13	12	13	7	..	7	5
Florida	26	11	14	15	14	13	14	15	2	13	3
East South Central											
Kentucky	45	33	36	34	26	22	33	32	2	30	3
Tennessee	40	25	28	29	25	23	26	21	5	16	2
Alabama	35	19	30	30	26	21	29	22	2	20	..
Mississippi	27	26	26	26	26	26	26	19	..	19	..
West South Central											
Arkansas	19	12	15	16	15	13	14	11	2	9	..
Louisiana	17	11	11	13	13	11	12	9	1	8	2
Oklahoma	24	9	11	12	11	5	13	19	3	16	2
Texas	57	20	36	35	25	19	32	35	7	28	6
Mountain											
Montana	18	7	9	10	8	7	10	14	8	6	..
Idaho	11	3	5	5	1	1	4	9	3	6	..
Wyoming	12	1	2	2	1	1	2	10	9	1	..
Colorado	35	15	17	18	14	12	17	26	14	12	..
New Mexico	14	5	8	7	6	6	8	9	5	4	1
Arizona	20	4	5	4	4	3	5	17	13	4	1
Utah	10	3	5	5	4	4	3	6	3	3	..
Nevada	1	1	1	1	..	..	1	..	..	..	..
Pacific											
Washington	42	14	21	27	18	9	17	22	7	15	5
Oregon	25	18	18	18	17	15	18	22	6	16	..
California	112	46	49	70	59	42	59	69	28	41	12

* Federal agencies and New Jersey omitted.

TABLE 23. AGENCIES GIVING CURATIVE CARE, PREVENTIVE OR INSTRUCTIVE CARE, AND CURATIVE AND INSTRUCTIVE CARE COMBINED, BY STATES *

Division and state (1)	Total number of agencies* (2)	Curative care only (3)	Instructive or preventive care only (4)	Curative and instructive care combined (5)	Not stated (6)
United States	3,109	45	1,585	1,348	131
New England					
Maine	68	..	27	38	3
New Hampshire	70	2	21	47	..
Vermont	29	4	9	16	..
Massachusetts	231	4	94	125	8
Rhode Island	26	1	5	20	..
Connecticut	129	8	51	69	1
Middle Atlantic					
New York	402	5	210	184	3
Pennsylvania	213	7	82	107	17
East North Central					
Ohio	174	2	89	74	9
Indiana	99	1	42	51	5
Illinois	175	..	98	74	3
Michigan	125	2	84	34	5
Wisconsin	110	1	61	45	3
West North Central					
Minnesota	105	..	78	22	5
Iowa	103	2	65	25	11
Missouri	48	..	23	25	..
North Dakota	21	..	16	5	..
South Dakota	33	..	20	11	2
Nebraska	41	..	32	8	1
Kansas	73	1	46	21	5
South Atlantic					
Delaware	5	..	1	4	..
Maryland	24	..	7	17	..
District of Columbia	3	..	..	3	..
Virginia	68	..	35	31	2
West Virginia	38	1	19	16	2
North Carolina	51	1	24	23	3
South Carolina	34	1	8	24	1
Georgia	21	..	5	11	5
Florida	26	..	13	10	3
East South Central					
Kentucky	45	..	17	25	3
Tennessee	40	1	21	16	2
Alabama	35	..	17	18	..
Mississippi	27	..	21	6	..
West South Central					
Arkansas	19	..	8	11	..
Louisiana	17	..	9	6	2
Oklahoma	24	..	12	10	2
Texas	57	..	34	17	6
Mountain					
Montana	18	..	11	7	..
Idaho	11	1	10	..	..
Wyoming	12	..	12	..	..
Colorado	35	..	20	15	..
New Mexico	14	..	7	6	1
Arizona	20	..	15	4	1
Utah	10	..	8	2	..
Nevada	1	..	..	1	..
Pacific					
Washington	42	..	18	19	5
Oregon	25	..	22	3	..
California	112	..	58	42	12

* Federal agencies and agencies in New Jersey omitted.

TABLE 24. AGENCIES SUPPORTED ENTIRELY BY PUBLIC FUNDS, ENTIRELY BY PRIVATE FUNDS, AND BY COMBINED PUBLIC AND PRIVATE FUNDS, BY STATES *

Division and state (1)	Total number of agencies* (2)	Public funds (3)	Private funds (4)	Combined public and private funds (5)	Not stated (6)
United States	3,109	1,387	751	837	134
New England					
Maine	68	20	22	21	5
New Hampshire	70	21	9	39	1
Vermont	29	8	6	14	1
Massachusetts	231	114	49	58	10
Rhode Island	26	5	3	18	..
Connecticut	129	51	28	46	4
Middle Atlantic					
New York	402	220	92	82	8
Pennsylvania	213	59	88	36	30
East North Central					
Ohio	174	91	39	36	8
Indiana	99	26	46	25	2
Illinois	175	93	39	40	3
Michigan	125	72	24	25	4
Wisconsin	110	76	11	23	..
West North Central					
Minnesota	105	60	24	18	3
Iowa	103	39	34	20	10
Missouri	48	16	18	13	1
North Dakota	21	9	7	5	..
South Dakota	33	12	11	8	2
Nebraska	41	14	8	19	..
Kansas	73	35	12	22	4
South Atlantic					
Delaware	5	2	1	2	..
Maryland	24	7	5	9	3
District of Columbia	3	1	1	1	..
Virginia	68	22	9	36	1
West Virginia	38	24	8	6	..
North Carolina	51	18	10	22	1
South Carolina	34	14	7	12	1
Georgia	21	6	7	6	2
Florida	26	12	7	6	1
East South Central					
Kentucky	45	5	8	32	..
Tennessee	40	13	11	14	2
Alabama	35	17	10	8	..
Mississippi	27	14	7	6	..
West South Central					
Arkansas	19	6	5	8	..
Louisiana	17	9	2	4	2
Oklahoma	24	3	7	12	2
Texas	57	18	12	18	9
Mountain States					
Montana	18	8	4	6	..
Idaho	11	4	5	1	1
Wyoming	12	10	1	1	..
Colorado	35	19	6	10	..
New Mexico	14	9	2	2	1
Arizona	20	15	..	4	1
Utah	10	6	3	1	..
Nevada	1	..	..	1	..
Pacific					
Washington	42	20	12	8	2
Oregon	25	8	4	13	..
California	112	56	27	20	9

* Federal agencies and agencies in New Jersey omitted.

TABLE 25. AGENCIES RECEIVING SUPPORT FROM PUBLIC FUNDS, FEES, AND CONTRIBUTIONS AND SUBSCRIPTIONS, BY STATES *

Division and state	Total number of agencies*	Public funds	Fees	Contributions and subscriptions	Not stated	Source of contributions and subscriptions: American Red Cross	Xmas seal sale	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
United States	3,109	2,224	849	1,347	134	637	530	776
New England								
Maine	68	41	32	34	5	17	14	19
New Hampshire	70	60	44	34	1	17	1	23
Vermont	29	22	17	15	1	7	3	13
Massachusetts	231	172	96	91	10	24	22	82
Rhode Island	26	23	20	20	..	4	13	17
Connecticut	129	97	72	69	4	35	51	46
Middle Atlantic								
New York	402	302	106	139	8	37	34	89
Pennsylvania	213	95	101	105	30	61	24	80
East North Central								
Ohio	174	127	38	64	8	13	33	41
Indiana	99	51	26	63	2	31	31	27
Illinois	175	133	32	73	3	25	42	32
Michigan	125	97	18	41	4	22	12	21
Wisconsin	110	99	15	29	..	11	14	14
West North Central								
Minnesota	105	78	8	40	3	25	15	11
Iowa	103	59	13	58	10	39	29	29
Missouri	48	29	14	30	1	20	4	17
North Dakota	21	14	..	12	..	10	3	1
South Dakota	33	20	..	19	2	19	7	1
Nebraska	41	33	4	25	..	22	6	4
Kansas	73	57	12	31	4	21	8	8
South Atlantic								
Delaware	5	4	1	3	..	..	..	3
Maryland	24	16	5	13	3	7	9	9
District of Columbia	3	2	2	2	..	..	..	2
Virginia	68	58	19	41	1	24	25	24
West Virginia	38	30	7	13	..	4	7	10
North Carolina	51	40	12	27	1	19	4	15
South Carolina	34	26	8	14	1	7	6	8
Georgia	21	12	7	6	2	2	2	4
Florida	26	18	6	9	1	4	4	6
East South Central								
Kentucky	45	37	21	35	..	15	18	25
Tennessee	40	27	10	14	2	7	3	12
Alabama	35	25	9	11	..	5	6	5
Mississippi	27	20	6	8	..	5	4	3
West South Central								
Arkansas	19	14	5	11	..	8	3	5
Louisiana	17	13	4	5	2	3	..	3
Oklahoma	24	15	4	17	2	7	11	5
Texas	57	36	5	30	9	18	4	18
Mountain States								
Montana	18	14	4	8	..	2	8	2
Idaho	11	5	1	5	1	4	1	1
Wyoming	12	11	..	2	..	..	1	2
Colorado	35	29	5	15	..	4	7	9
New Mexico	14	11	..	4	1	3	1	1
Arizona	20	19	1	4	1	3	2	2
Utah	10	7	2	2	..	..	2	..
Nevada	1	1	..	1	..	..	1	..
Pacific								
Washington	42	28	7	10	2	9	8	4
Oregon	25	21	3	16	..	4	14	4
California	112	76	18	29	9	13	13	19

* Federal agencies and agencies in New Jersey omitted.

TABLE 26. AGENCIES EMPLOYING FIRST PUBLIC HEALTH NURSE EACH PERIOD. ONLY AGENCIES IN EXISTENCE JANUARY 1, 1924, INCLUDED *

Divisions and states (1)	1813 (2)	1884 to 1888 (3)	1889 to 1893 (4)	1894 to 1898 (5)	1899 to 1903 (6)	1904 to 1908 (7)	1909 to 1913 (8)	1914 to 1918 (9)	1919 to 1923 (10)	Jan. 1st 1924 (11)	Not stated (12)	Total* (13)
United States	1	3	7	16	33	119	489	716	1648	28	202	3262
New England												
Maine	..	..	..	..	..	2	13	3	47	..	3	68
New Hampshire	..	..	..	1	1	2	8	12	46	..	..	70
Vermont	..	..	..	..	..	2	7	7	11	..	1	29
Massachusetts	..	..	2	2	7	21	51	60	80	..	8	231
Rhode Island	..	..	..	..	1	4	14	2	4	..	1	26
Connecticut	..	1	..	..	2	10	20	21	62	1	13	129
Middle Atlantic												
New York	..	1	2	3	6	14	86	120	154	4	12	402
New Jersey	..	..	..	..	4	12	36	39	28	..	34	153
Pennsylvania	..	1	..	2	1	9	32	36	126	2	4	213
East North Central												
Ohio	..	..	..	1	2	4	24	29	102	2	10	174
Indiana	..	..	..	..	1	2	6	29	57	..	4	99
Illinois	..	..	1	1	2	3	23	39	80	..	26	175
Michigan	..	..	1	1	..	6	16	29	68	1	3	125
Wisconsin	..	..	..	..	1	3	17	27	56	2	4	110
West North Central												
Minnesota	..	..	..	..	..	1	22	26	51	..	5	105
Iowa	..	..	..	..	1	4	8	23	63	..	4	103
Missouri	..	..	1	1	..	..	6	5	34	1	..	48
North Dakota	..	..	..	..	..	..	2	4	14	..	1	21
South Dakota	..	..	..	..	..	..	2	6	20	1	4	33
Nebraska	..	..	..	1	..	1	2	4	29	..	4	41
Kansas	..	..	..	..	..	..	2	22	42	..	7	73
South Atlantic												
Delaware	..	..	..	..	1	..	..	..	4	..	..	5
Maryland	..	..	..	1	..	2	4	4	11	1	1	24
District of Columbia	..	..	..	..	1	..	2	..	..	..	..	3
Virginia	..	..	..	1	1	4	9	15	37	1	..	68
West Virginia	..	..	..	..	..	..	6	4	24	1	3	38
North Carolina	..	..	..	..	..	..	5	8	32	2	4	51
South Carolina	1	..	..	..	..	1	..	9	23	..	..	34
Georgia	..	..	..	..	..	2	4	3	7	1	4	21
Florida	..	..	..	..	..	..	1	5	15	..	5	26
East South Central												
Kentucky	..	..	..	..	..	..	9	14	20	..	2	45
Tennessee	..	..	..	..	..	..	5	8	21	2	4	40
Alabama	..	..	..	..	..	..	4	9	20	..	2	35
Mississippi	..	..	..	..	..	..	..	2	23	2	..	27
West South Central												
Arkansas	..	..	..	..	..	..	3	4	11	1	..	19
Louisiana	..	..	..	..	..	..	2	1	12	..	2	17
Oklahoma	..	..	..	..	..	..	..	8	15	..	1	24
Texas	..	..	..	..	..	..	3	13	37	2	2	57
Mountain												
Montana	..	..	..	..	..	..	1	6	7	..	4	18
Idaho	..	..	..	..	..	..	2	1	7	..	1	11
Wyoming	..	..	..	..	..	..	..	3	9	..	..	12
Colorado	..	..	..	..	..	1	3	4	24	1	2	35
New Mexico	..	..	..	..	..	..	..	1	13	..	..	14
Arizona	..	..	..	..	..	..	..	7	11	..	2	20
Utah	..	..	..	..	..	..	2	3	2	..	3	10
Nevada	..	..	..	..	..	..	..	..	1	..	..	1
Pacific												
Washington	..	..	..	..	..	3	9	10	18	..	2	42
Oregon	..	..	..	..	1	1	..	6	17	..	..	25
California	..	..	..	1	..	5	18	25	53	..	10	112

* National agencies not included.

TABLE 27. AGENCIES EMPLOYING FULL-TIME GRADUATE NURSES, AND NUMBER OF FULL-TIME GRADUATE NURSES EMPLOYED, CLASSIFIED ACCORDING TO TYPE OF ADMINISTRATION, AND BY POPULATION GROUP AND CITY FOR ALL STATES OF THE UNITED STATES

CITY POPULATION GROUP

I. 500,000 and over.

II. 100,000 to 500,000.

III. 50,000 to 100,000.

IV. 25,000 to 50,000.

V. 10,000 to 25,000.

VI. Rest of state, including all cities and towns of less than 10,000 population and rural areas.

Federal agency in all cases refers to U. S. Veterans' Bureau unless otherwise noted.

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

* Indicates one or more agencies temporarily without a nurse.
† Indicates nursing service of agency available for entire county.

NEW ENGLAND STATES

MAINE

Population group and city	Population 1920 Census	Total number	Official administration				Non-official administrations						
			Board of health	Board of education	Other official boards	Joint administration two or more official boards	Public health nursing association or similar agency	American Red Cross	Tuberculosis association	Public health association	Metropolitan Life Ins. Co. services	All others	Joint administration two or more non-official agencies
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
The state	768,014	69–89*	4–16	14–15	3–6	1–1	6–7	16–20	4–4	9–9*	6–6	5–4*	1–1
Federal agencies		1–4	...	...	1–4	...	...	...	...	...	...	...	...
State agencies		2–4	1–3	...	...	...	...	...	...	...	...	1–1	...
Local agencies		66–81*	3–13	14–15	2–2	1–1	6–7	16–20	4–4	9–9*	6–6	4–3*	1–1
III. 50,000 to 100,000													
Portland	69,272	3–14	1–11	...	...	...	1–2	...	...	...	1–1	...	...
IV. 25,000 to 50,000													
Lewiston	31,791	3–6	...	1–1	...	...	...	1–4	1–1	...	...	...	...
Bangor	25,978	5–6	...	1–2	...	...	1–1	...	1–1	1–1†	1–1	...	...
V. 10,000 to 25,000													
Biddeford	18,008	2–2	...	...	...	...	...	1–1	...	...	1–1	...	...
Auburn	16,985	1–1	...	...	...	1–1	...	...	...	...	...	...	...
Bath	14,731	3–3	1–1	1–1	...	...	...	...	...	...	1–1	...	...
Augusta	14,114	2–1*	...	1–1	...	...	...	...	...	1–0*	...	...	...
Waterville	13,351	3–3	1–1	1–1	...	...	...	...	...	...	1–1	...	...
VI. Rest of state		44–45	...	9–9	2–2	...	4–4	14–15	2–2	7–8	1–1	4–3*	1–1

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

NEW HAMPSHIRE

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: All others	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
The state	443,083	71–120*	6–24	16–16*	1–3	26–41	12–12	1–12	6–6	2–5	1–1
Federal agencies		1–3	...	...	1–3	...	...	...	...	...	...
State agencies		3–20	1–7	1–1	...	...	...	1–12	...	...	...
Local agencies		67–97*	5–17	15–15*	...	26–41	12–12	...	6–6	2–5	1–1
III. 50,000 to 100,000											
Manchester	78,384	3–21	1–13	...	...	1–7	1–1	...	...	...	...
IV. 25,000 to 50,000											
Nashua	28,379	4–8	1–1	1–2	...	...	...	...	...	2–5	...
V. 10,000 to 25,000											
Concord	22,167	3–6	...	1–1	...	1–4	1–1	...	...	...	...
Berlin	16,104	2–2	1–1	1–1	...	...	...	...	...	...	...
Portsmouth	13,569	2–3	1–1	...	...	1–2	...	...	...	...	...
Dover	13,029	2–4	...	1–1	...	1–3	...	...	...	...	...
Keene	11,210	2–3	...	1–1	...	1–2	...	...	...	...	...
Laconia	10,897	2–2	1–1	1–1	...	...	...	...	...	...	...
VI. Rest of state	.....	47–48	...	9–8*	...	21–23	10–10	...	6–6	...	1–1

VERMONT

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
The state	352,428	30–39	1–2	7–7	1–1	4–8	4–5	1–2	1–1	2–2	7–9	2–2
Federal agencies		1–1	...	...	1–1	...	...	...	...	...	...	...
State agencies		2–4	1–2	...	...	...	...	1–2	...	...	...	...
Local agencies		27–34	...	7–7	...	4–8	4–5	...	1–1	2–2	7–9	2–2
V. 10,000 to 25,000												
Burlington	22,779	2–6	...	1–1	...	1–5	...	...	...	...	...	...
Rutland	14,954	2–2	...	1–1	...	...	...	...	...	1–1	...	...
Barre	10,008	2–3	...	1–1	...	...	1–2	...	...	...	...	...
VI. Rest of state	.....	21–23	...	4–4	...	3–3	3–3	...	1–1	1–1	7–9	2–2

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

MASSACHUSETTS

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Official administration: Joint administration two or more official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Non-official administration: Joint administration two or more non-official agencies	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
The state	3,852,356	232–855	47–194	54–125	12–56	7–7	74–237	9–12	2–3	4–4	6–6	14–205	2–4	1–2
Federal agencies		1–44	...	...	1–44	...	...	...	...	...	...	...	...	...
State agencies		1–13	1–13	...	...	...	...	...	...	...	...	...	...	...
Local agencies		230–798	46–181	54–125	11–12	7–7	74–237	9–12	2–3	4–4	6–6	14–205	2–4	1–2
I. 500,000 and over														
Boston	748,060	2–221	...	1–53	...	...	...	...	...	...	...	1–168	...	...
II. 100,000 to 500,000														
Worcester	179,754	2–61	1–23	...	...	...	1–38	...	...	...	...	...	...	...
Springfield	129,614	3–32	1–12	...	...	...	1–17	...	...	...	...	...	1–3	...
New Bedford	121,217	3–35	1–14	1–7	...	...	1–14	...	...	...	...	...	...	...
Fall River	120,485	2–41	1–17	...	...	...	1–24	...	...	...	...	...	...	...
Lowell	112,759	2–27	1–16	...	...	...	...	...	...	...	...	1–11	...	...
Cambridge	109,694	1–8	...	...	...	...	1–8	...	...	...	...	...	...	...
III. 50,000 to 100,000														
Lynn	99,148	2–10	1–6	...	...	...	1–4	...	...	...	...	...	...	...
Lawrence	94,270	2–15	1–14	1–1	...	...	...	...	...	...	...	...	...	...
Somerville	93,091	2–8	1–5	...	...	...	1–3	...	...	...	...	...	...	...
Brockton	66,254	1–14	...	...	...	...	1–14	...	...	...	...	...	...	...
Holyoke	60,203	4–11	1–1	1–2	1–2	...	1–6	...	...	...	...	...	...	...
Haverhill	53,884	2–8	1–7	...	...	...	...	...	...	...	1–1	...	...	...
IV. 25,000 to 50,000														
Malden	49,103	2–6	1–2	1–4	...	...	...	...	...	...	...	...	...	...
Quincy	47,876	3–10	1–3	1–3	...	...	...	...	...	...	...	1–4	...	...
Newton	46,054	2–9	1–6	...	...	...	1–3	...	...	...	...	...	...	...
Chelsea	43,184	2–8	1–4	...	...	...	...	...	...	...	...	1–4	...	...
Salem	42,529	2–3	1–2	...	...	...	...	...	1–1	...	...	...	...	...
Pittsfield	41,763	2–9	1–4	...	...	...	1–5	...	...	...	...	...	...	...
Fitchburg	41,029	1–11	...	...	...	...	1–11	...	...	...	...	...	...	...
Everett	40,120	2–6	1–4	...	...	...	1–2	...	...	...	...	...	...	...
Medford	39,038	3–5	1–1	1–2	...	...	1–2	...	...	...	...	...	...	...
Brookline	37,748	3–12	1–3	1–2	...	...	...	...	...	...	...	1–7	...	...
Taunton	37,137	2–6	1–1	...	...	...	1–5	...	...	...	...	...	...	...
Chicopee	36,214	2–5	1–3	...	...	...	1–2	...	...	...	...	...	...	...
Waltham	30,915	4–5	1–1	1–2	...	...	1–1	...	...	...	1–1	...	...	...
Revere	28,823	3–5	1–1	1–2	...	...	1–2	...	...	...	...	...	...	...

MASSACHUSETTS—(Continued)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
V. 10,000 to 25,000														
Gloucester	22,947	1–2	1–2	...	...	...	...	...	...	...	...	...	...	...
Beverly	22,561	2–3	...	...	1–1	...	...	...	1–2	...	...	...	...	...
North Adams	22,282	2–4	1–3	...	...	...	...	...	...	...	1–1	...	...	...
Northampton	21,951	4–5	...	1–1	...	...	1–2	1–1	...	1–1	...	...	...	...
Watertown	21,457	3–6	1–1	1–2	...	...	1–3	...	...	...	...	...	...	...
Leominster	19,744	2–3	1–2	...	...	...	...	1–1	...	...	...	...	...	...
Attleboro	19,731	1–4	...	...	...	...	1–4	...	...	...	...	...	...	...
Peabody	19,552	2–2	1–1	...	...	...	1–1	...	...	...	...	...	...	...
Arlington	18,665	2–4	1–1	...	...	...	1–3	...	...	...	...	...	...	...
Westfield	18,604	1–2	1–2	...	...	...	...	...	...	...	...	...	...	...
Melrose	18,204	1–1	...	...	...	1–1	...	...	...	...	...	...	...	...
Framingham	17,033	1–3	1–3	...	...	...	...	...	...	...	...	...	...	...
Gardner	16,971	3–5	1–1	1–2	...	...	...	1–2	...	...	...	...	...	...
Woburn	16,574	1–1	1–1	...	...	...	...	...	...	...	...	...	...	...
Newburyport	15,618	2–2	...	1–1	...	...	1–1	...	...	...	...	...	...	...
Greenfield	15,462	4–7	...	1–1	...	...	1–3	1–2	...	1–1	...	...	...	...
Winthrop	15,455	2–3	1–1	...	...	...	1–2	...	...	...	...	...	...	...
Methuen	15,189	2–2	1–1	...	...	...	...	...	...	...	1–1	...	...	...
Southbridge	14,245	2–2	1–1	...	...	...	1–1	...	...	...	...	...	...	...
Milford	13,471	2–3	...	1–1	...	...	1–2	...	...	...	...	...	...	...
West Springfield	13,443	1–1	1–1	...	...	...	...	...	...	...	...	...	...	...
Webster	13,258	3–3	1–1	1–1	...	...	...	...	...	...	...	1–1	...	...
Wakefield	13,025	2–2	1–1	1–1	...	...	...	...	...	...	...	...	...	...
Clinton	12,979	3–4	1–1	1–1	...	...	1–2	...	...	...	...	...	...	...
Adams	12,967	2–3	...	1–2	...	...	...	...	...	...	1–1	...	...	...
Easthampton	11,261	2–2	...	1–1	...	...	...	...	...	...	...	1–1	...	...
Danvers	11,108	2–2	...	1–1	...	...	1–1	...	...	...	...	...	...	...
Saugus	10,874	1–1	...	1–1	...	...	...	...	...	...	...	...	...	...
Belmont	10,749	2–3	...	1–1	...	...	...	...	...	...	...	...	...	1–2
Braintree	10,580	1–2	...	...	...	...	...	...	...	...	...	1–2	...	...
Winchester	10,485	1–1	...	...	...	...	1–1	...	...	...	...	...	...	...
Northbridge	10,174	2–3	...	1–1	...	...	...	...	...	...	...	1–2	...	...
VI. Rest of state		107–116	6–7	29–29	9–9	6–6	43–50	5–6	...	2–2	1–1	5–5	1–1	...

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

RHODE ISLAND

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
The state	604,397	27–134	3–23	1–1	1–4	15–85	3–15	1–1	3–5
Federal agencies		1–4	...	...	1–4	...	...	...	...
State agencies		1–3	1–3	...	...	...	...	...	...
Local agencies		25–127	2–20	1–1	...	15–85	3–15	1–1	3–5
II. 100,000 to 500,000									
Providence	237,595	2–70	1–19	...	...	1–51	...	...	...
III. 50,000 to 100,000									
Pawtucket	64,248	1–13	...	...	...	...	1–13	...	...
IV. 25,000 to 50,000									
Woonsocket	43,496	2–8	...	1–1	...	1–7	...	...	...
Newport	30,255	2–2	1–1	...	...	...	...	1–1	...
Cranston	29,407	1–4	...	...	...	1–4	...	...	...
V. 10,000 to 25,000									
East Providence	21,793	1–3	...	...	...	1–3	...	...	...
West Warwick	15,461	1–5	...	...	...	1–5	...	...	...
Warwick	13,481	1–1	...	...	...	1–1	...	...	...
Bristol	11,375	1–2	...	...	...	1–2	...	...	...
VI. Rest of state	.....	13–19	...	...	...	8–12	2–2	...	3–5

CONNECTICUT

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
The state	1,380,631	130–379	11–90	40–51	2–11	51–187	12–15	2–5	4–5	1–1	7–14
Federal agencies		1–6	...	...	1–6	...	...	...	...	...	...
State agencies		2–10	1–7	1–3	...	...	...	...	...	...	...
Local agencies		127–363	10–83	39–48	1–5	51–187	12–15	2–5	4–5	1–1	7–14
II. 100,000 to 500,000											
New Haven	162,537	2–73	1–23	...	...	1–50	...	...	...	...	...
Bridgeport	143,555	3–54	1–28	...	1–5	1–21	...	...	...	...	...
Hartford	138,036	11–37	1–2	9–11	...	1–24	...	...	...	...	...
III. 50,000 to 100,000											
Waterbury	91,715	3–31	1–16	...	...	1–13	...	1–2	...	...	...
New Britain	59,316	3–11	1–2	1–3	...	1–6	...	...	...	...	...
IV. 25,000 to 50,000											
Stamford	35,096	2–7	...	1–2	...	1–5	...	...	...	...	...
Meriden	29,867	3–7	1–1	1–2	...	1–4	...	...	...	...	...
Norwalk	27,743	1–1	...	1–1	...	...	...	...	...	...	...
New London	25,688	2–7	1–3	...	...	1–4	...	...	...	...	...
V. 10,000 to 25,000											
Norwich	22,304	2–9	1–3	...	...	...	...	...	...	...	1–6
Torrington	20,623	3–6	...	1–2	...	...	...	...	...	1–1	1–3
Bristol	20,620	2–4	...	1–1	...	1–3	...	...	...	...	...
Danbury	18,943	2–2	...	1–1	...	1–1	...	...	...	...	...
Manchester	18,370	2–2	...	1–1	...	...	...	...	...	...	1–1
Ansonia	17,643	1–1	...	1–1	...	...	...	...	...	...	...
Naugatuck	15,051	2–2	...	1–1	...	...	1–1	...	...	...	...
Middletown	13,638	3–9	...	1–1	...	1–7	...	...	...	...	...
				1–1							
Stratford	12,347	2–2	...	1–1	...	...	1–1	...	...	...	...
Willimantic	12,330	1–2	...	...	...	1–2	...	...	...	...	...
Enfield	11,719	1–1	...	...	...	1–1	...	...	...	...	...
East Hartford	11,648	1–2	...	...	...	...	1–2	...	...	...	...
Fairfield	11,475	2–2	...	1–1	...	1–1	...	...	...	...	...
Derby	11,238	2–5	...	1–1	...	1–4	...	...	...	...	...
Milford	10,193	2–2	...	1–1	...	1–1	...	...	...	...	...
VI. Rest of state	.....	69–84	2–5	14–16	...	35–40	9–11	1–3	4–5	...	4–4

MIDDLE ATLANTIC STATES

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

NEW YORK

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Official administration: Joint administration, two or more official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Non-official administration: Joint administration, two or more non-official agencies	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
The state	10,385,227	403–1884	65–809	128–224	44–88	9–9	40–465	18–26	22–30	6–6	30–41	34–178	2–2	5–6
Federal agencies		1–43	...	...	1–43	...	...	...	...	...	...	...	...	...
State agencies		3–56	1–49**	1–5***	1–2	...	...	...	...	...	...	...	...	...
Local agencies		399–1785	64–760	127–219	42–43	9–9	40–465	18–26	22–30	6–6	30–41	34–178	2–2	5–6
I. 500,000 and over														
New York	5,620,048	15–961	1–541	...	...	...	3–285	...	...	...	4–11	7–124	...	...
Buffalo	506,775	2–88	1–40	...	...	...	1–48	...	...	...	...	...	...	...
II. 100,000 to 500,000														
Rochester	295,750	3–66	1–33	...	...	...	1–28	...	...	...	1–5	...	...	...
Syracuse	171,717	7–54	1–10	1–12	1–1†	...	1–16	...	1–1†	...	...	2–14	...	...
Albany	113,344	5–31	1–2†	1–10	...	...	1–15	...	1–1†	...	...	...	...	...
			1–3											
Yonkers	100,176	3–25	1–16	1–5	...	...	1–4	...	...	...	...	...	...	...
III. 50,000 to 100,000														
Utica	94,156	5–24	1–5	1–1†	...	...	...	...	1–7†	...	...	1–7	...	...
				1–4										
Schenectady	88,723	6–36	1–10	1–1†	1–1†	...	1–7†	...	1–1†	...	...	...	...	...
				1–16										
Troy	72,013	4–17	1–7	1–3	...	...	1–6	...	1–1	...	...	...	...	...
Binghamton	66,800	4–14	1–3	1–7	...	...	...	...	...	...	1–1	1–3†	...	...
Niagara Falls	50,760	3–12	1–7	1–4	...	...	...	...	...	...	1–1	...	...	...
IV. 25,000 to 50,000														
Elmira	45,393	5–11	1–2	1–4	1–1†	...	...	1–1†	...	...	...	1–3	...	...
Mount Vernon	42,726	3–14	1–3	1–6	...	...	1–5	...	...	...	...	...	...	...
Jamestown	38,917	4–9	1–2	1–2	...	...	1–4	...	1–1†	...	...	...	...	...
New Rochelle	36,213	3–10	1–3	1–3	...	...	1–4	...	...	...	...	...	...	...
Auburn	36,192	4–4	1–1	1–1	...	...	...	...	...	...	1–1	1–1	...	...
Poughkeepsie	35,000	6–11	1–4	1–1	1–1†	...	...	...	...	...	1–1	1–3†	...	...
												1–1	...	...
Amsterdam	33,524	4–9	1–3	1–4	1–1†	...	...	...	...	...	1–1	...	...	...
Watertown	31,285	6–8	1–1	1–2	1–1†	...	1–2	...	...	...	1–1	1–1	...	...
Newburgh	30,366	4–4	1–1	1–1	...	...	1–1	...	1–1	...	...	...	...	...
Kingston	26,688	5–5	1–1	1–1	...	...	...	...	1–1†	...	1–1	1–1	...	...
Rome	26,341	4–5	1–2	1–1	1–1†	...	...	...	...	...	1–1	...	...	...

V. 10,000 to 25,000														
Oswego	23,626	4–4	1–1	1–1	...	...	...	...	1–1	...	1–1	...	...	...
Cohoes	22,987	2–3	1–2	...	...	...	...	...	...	...	1–1	...	...	...
Gloversville	22,975	6–7	1–1	1–2	1–1† 1–1	...	...	...	...	...	1–1	1–1	...	...
Lockport	21,308	4–4	...	1–1	1–1†	...	...	...	1–1	...	1–1	...	...	...
White Plains	21,031	4–9	1–2	1–2	1–1†	...	1–4	...	...	...	...	...	...	...
Olean	20,506	5–15	1–9† 1–2	1–1	...	...	...	1–2	...	...	...	...	1–1	...
Dunkirk	19,336	2–3	1–2	1–1	...	...	...	...	...	...	...	...	...	...
Middletown	18,420	1–1	...	1–1	...	...	...	...	...	...	...	...	...	...
Lackawanna	17,918	3–5	1–3	1–1	...	...	...	...	...	...	...	1–1	...	...
Ithaca	17,004	3–5	...	1–2	...	...	...	1–1†	...	...	...	...	...	1–2
Glens Falls	16,638	5–7	1–2	1–1	...	...	...	...	1–2†	...	1–1	1–1	...	...
Port Chester	16,073	2–3	1–2	1–1	...	...	...	...	...	...	...	...	...	...
Watervliet	16,073	3–3	1–1	1–1	...	...	...	...	...	...	1–1	...	...	...
Peekskill	15,868	4–4	1–1	1–1	...	...	...	...	...	...	1–1	1–1	...	...
Corning	15,820	4–4	1–1	1–1	...	...	...	1–1	...	...	1–1	...	...	...
North Tonawanda	15,482	2–3	1–2	1–1	...	...	...	...	...	...	...	...	...	...
Hornell	15,025	3–3	1–1	1–1	...	...	...	...	1–1	...	...	...	...	...
Geneva	14,648	3–3	1–1	1–1	...	...	...	...	...	...	1–1	...	...	...
Ogdensburg	14,609	3–3	1–1	1–1	...	...	...	...	...	...	...	...	1–1	...
Batavia	13,541	4–4	1–1	1–1	1–1†	...	...	...	...	...	1–1	...	...	...
Cortland	13,294	3–4	1–1	1–2	1–1†	...	...	...	...	...	...	...	...	...
Saratoga Springs	13,181	3–3	...	1–1	1–1†	...	...	...	...	...	1–1	...	...	...
Fulton	13,043	2–2	1–1	1–1	...	...	...	...	...	...	...	...	...	...
Little Falls	13,029	3–3	1–1	1–1	...	...	...	...	...	...	1–1	...	...	...
Hudson	11,745	3–3	1–1	...	1–1†	...	...	...	...	...	1–1	...	...	...
Oneonta	11,582	2–2	...	...	...	1–1	...	1–1	...	...	...	...	...	...
Beacon	10,996	2–2	1–1	1–1	...	...	...	...	...	...	...	...	...	...
Plattsburgh	10,909	4–4	1–1	1–1	1–1†	...	...	...	...	...	1–1	...	...	...
Johnstown	10,908	2–4	...	1–2	...	...	...	1–2	...	...	...	...	...	...
Rensselaer	10,823	1–1	...	1–1	...	...	...	...	...	...	...	...	...	...
Ossining	10,739	2–3	...	1–1	...	...	1–2	...	...	...	...	...	...	...
Oneida	10,541	2–3	...	1–1	...	...	...	...	1–2†	...	...	...	...	...
Herkimer	10,453	3–3	1–1	1–1	...	...	...	...	1–1†	...	...	...	...	...
Port Jervis	10,171	2–3	1–1	1–2	...	...	...	...	...	...	...	...	...	...
Ilion	10,169	3–3	...	1–1	...	...	1–1	...	...	...	1–1	...	...	...
Tonawanda	10,068	4–4	1–1	1–1	...	...	...	1–1	...	...	1–1	...	...	...
VI. Rest of state		186–233	14–16 0–2**	73–91 0–4***	26–27	8–8	22–33	11–17	8–8	6–6	1–1	13–16	...	4–4

** Two nurses under State Department of Health gave a local nursing service. (Nurses are allocated to the county in which they nursed but counted in the state total.)
*** Four nurses under State Department of Education gave a local nursing service. (Nurses are allocated to the county in which they nursed but counted in the state total.)

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

NEW JERSEY

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Official administration: Joint administration, two or more official boards	Non-official administration: Public health nursing association or similar agencies	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Non-official administration: Joint administration, two or more non-official agencies	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
The state	3,155,900	154–614	18–133	48–157	5–13	7–12	27–93	14–18	7–32	2–2	13–28	10–21	2–2	1–1
Federal agencies		1–8	...	...	1–8	...	...	...	...	...	...	...	...	...
State agencies		2–107	1–106‡	...	...	...	...	...	1–1	...	...	...	...	...
Local agencies		151–499	17–129	48–157	4–5	7–12	27–93	14–18	6–31	2–2	13–28	10–21	2–2	1–1
II. 100,000 to 500,000														
Newark	414,524	3–82	1–32	1–35	...	...	1–15	...	...	...	...	...	...	...
Jersey City	298,103	4–81	1–40	1–16	...	...	...	...	1–20*	...	1–5	...	...	...
Paterson	135,875	3–20	1–4	1–13	...	...	...	...	...	...	1–3	...	...	...
Trenton	119,289	3–30	1–14	1–12	...	...	...	...	...	...	1–4	...	...	...
Camden	116,309	5–17	1–6	1–4	...	...	1–1	...	1–2*	...	1–4	...	...	...
III. 50,000 to 100,000														
Elizabeth	95,783	2–19	1–12	...	...	...	1–7	...	...	...	...	...	...	...
Bayonne	76,754	3–4	1–1	1–2	...	...	1–1	...	...	...	...	...	...	...
Hoboken	68,166	3–6	1–2	1–2	...	...	...	...	...	...	1–2	...	...	...
Passaic	63,841	3–14	1–6	1–5	...	...	1–3	...	...	...	...	...	...	...
East Orange	50,710	2–7	1–3	1–4	...	...	...	...	...	...	...	...	...	...
Atlantic City	50,707	4–15	...	1–6	...	...	1–5	1–3†	...	...	...	1–1	...	...
IV. 25,000 to 50,000														
Perth Amboy	41,707	3–7	...	1–3	...	...	...	...	1–3†	...	1–1	...	...	...
West Hoboken	40,074	1–3	...	1–3	...	...	...	...	...	...	...	...	...	...
Orange	33,268	4–21	1–1	1–3	...	...	1–16	...	1–1	...	...	...	...	...
New Brunswick	32,779	3–7	1–1	1–1	...	...	1–5	...	...	...	...	...	...	...
Montclair	28,810	3–6	1–2	1–3	...	...	...	1–1	...	...	...	...	...	...
Plainfield	27,700	4–14	1–2	1–2	...	...	1–9	...	1–1	...	...	...	...	...
Kearney	26,724	1–5	...	1–5	...	...	...	...	...	...	...	...	...	...
Clifton	26,470	1–2	...	...	1–2	...	...	...	...	...	...	...	...	...
Irvington	25,480	2–2	...	...	...	1–1	...	...	...	...	1–1	...	...	...
V. 10,000 to 25,00														
Bloomfield	22,019	2–3	...	1–1	...	...	...	1–2	...	...	...	...	...	...
Union	20,651	2–5	...	1–2	...	...	...	...	...	...	1–3	...	...	...
Garfield	19,381	3–3	1–1	1–1	1–1	...	...	...	...	...	...	...	...	...
Hackensack	17,667	4–9	...	1–3	...	...	...	...	1–4†	...	1–1	...	1–1	...
Phillipsburg	16,923	1–3	...	...	...	1–3	...	...	...	...	...	...	...	...
Harrison	15,721	1–1	...	1–1	...	...	...	...	...	...	...	...	...	...
West Orange	15,573	2–3	1–1	1–2	...	...	...	...	...	...	...	...	...	...
Bridgeton	14,323	2–3	...	1–1	...	...	...	1–2	...	...	...	...	...	...
Long Branch	13,521	2–4	...	1–1	...	...	1–3	...	...	...	...	...	...	...
Morristown	12,548	1–6	...	...	...	...	1–6	...	...	...	...	...	...	...
Asbury Park	12,400	2–3	...	...	...	1–2	...	...	...	...	...	1–1	...	...
Gloucester	12,162	1–1	...	...	...	...	...	...	...	...	1–1	...	...	...
Englewood	11,627	4–8	...	1–1	...	...	...	...	...	...	1–1	1–5	1–1	...
Rahway	11,042	1–1	...	...	...	...	1–1	...	...	...	...	...	...	...
Summit	10,174	2–2	...	...	...	...	...	1–1	...	...	...	1–1	...	...
VI. Rest of state	.....	64–176	1–1	22–25	2–2	4–6	15–21	9–9	...	2–2	2–2	6–13	...	1–1
			0–94‡											

‡ Ninety-four nurses under the State Department of Health gave a local nursing service. Nurses are allocated to the counties in which they nursed but counted in the state total.

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

PENNSYLVANIA

Population group and city (1)	Population 1920 census (2)	Total number (3)	Official administration: Board of health (4)	Official administration: Board of education (5)	Official administration: Other official boards (6)	Non-official administration: Public health nursing association or similar agency (7)	Non-official administration: American Red Cross (8)	Non-official administration: Tuberculosis association (9)	Non-official administration: Public health association (10)	Non-official administration: Metropolitan Life Ins. Co. services (11)	Non-official administration: All others (12)	Joint administration, two or more non-official agencies (13)
The state	8,720,017	214–961	8–253	52–177	1–45	38–327	66–83	3–5	2–2	16–20	27–48	1–1
Federal agencies		1–45	...	...	1–45	...	...	...	...	...	...	...
State agencies		2–124	1–122**	1–2***	...	...	...	...	...	...	...	...
Local agencies		211–792	7–131	51–175	...	38–327	66–83	3–5	2–2	16–20	27–48	1–1
I. 500,000 and over												
Philadelphia	1,823,779	3–281	1–92	1–85	...	1–104	...	...	...	...	...	...
Pittsburgh	588,343	2–98	1–31	...	...	1–67	...	...	...	...	...	...
II. 100,000 to 500,000												
Scranton	137,783	4–31	1–2	1–5	...	1–19	...	...	...	1–5	...	...
Reading	107,784	3–37	...	1–8	...	1–28	1–1	...	...	...	...	...
III. 50,000 to 100,000												
Erie	93,372	2–22	...	1–8	...	1–14	...	...	...	...	...	...
Harrisburg	75,917	3–14	...	1–2	...	1–11	1–1	...	...	...	...	...
Wilkes Barre	73,833	4–16	...	1–5	...	1–8	1–1	1–2	...	...	...	...
Allentown	73,502	3–7	1–2	1–4	...	...	...	...	...	1–1	...	...
Johnstown	67,327	2–10	...	1–5	...	...	1–5†	...	...	...	...	...
Altoona	60,331	4–6	1–2	1–2	...	...	1–1†	...	...	1–1	...	...
Chester	58,030	2–5	...	1–2	...	...	1–3	...	...	...	...	...
Lancaster	53,150	2–10	...	...	...	1–8	1–2	...	...	...	...	...
Bethlehem	50,358	5–10	1–1	1–2	...	1–5	...	...	...	...	2–2	...
IV. 25,000 to 50,000												
York	47,512	1–15	...	...	...	1–15	...	...	...	...	...	...
McKeesport	46,781	2–3	...	1–2	...	...	...	...	...	1–1	...	...
New Castle	44,938	3–3	...	1–1	...	...	1–1	...	...	1–1	...	...
Williamsport	36,198	2–9	...	1–2	...	...	...	...	...	...	1–7	...
Easton	33,813	3–5	...	1–2	...	1–2	...	...	...	1–1	...	...
Norristown	32,319	3–3	...	1–1	...	...	...	...	...	1–1	1–1	...
Hazleton	32,277	2–6	...	1–2	...	...	1–4	...	...	...	...	...
V. 10,000 to 25,000												
Shenandoah	24,726	1–1	...	...	...	...	...	...	...	1–1	...	...
Lebanon	24,643	2–3	...	1–1	...	1–2	...	...	...	...	...	...
Butler	23,778	1–2	...	1–2	...	...	...	...	...	...	...	...
Nanticoke	22,614	1–2	...	...	...	1–2	...	...	...	...	...	...
Pottsville	21,876	1–2	...	...	...	...	...	...	...	...	1–2	...
Sharon	21,747	1–1	...	...	...	...	...	...	...	1–1	...	...
Washington	21,480	2–3	...	1–1	...	...	1–2	...	...	...	...	...
Oil City	21,274	1–1	...	1–1	...	...	...	...	...	...	...	...
Shamokin	21,204	1–1	...	...	...	1–1	...	...	...	...	...	...
Homestead	20,452	1–1	...	1–1	...	...	...	...	...	...	...	...
Dunmore	20,250	2–2	...	1–1	...	...	...	...	...	...	1–1	...
Carbondale	18,640	3–3	...	1–1	...	1–1	...	...	...	1–1	...	...
Monessen	18,179	2–2	...	1–1	...	...	1–1	...	...	...	...	...
Pottstown	17,431	1–1	...	...	...	...	1–1	...	...	...	...	...
Plymouth	16,500	1–1	...	1–1	...	...	...	...	...	...	...	...
Uniontown	15,692	3–5	...	1–2†	...	...	1–1†	1–2†	...	...	...	...
Mahanoy City	15,599	1–2	...	...	...	1–2	...	...	...	...	...	...
Farrell	15,586	1–1	...	1–1	...	...	...	...	...	...	...	...
Bradford	15,525	2–2	...	1–1	...	...	1–1	...	...	...	...	...
Greensburg	15,033	2–6	...	1–1	...	...	1–5†	...	...	...	...	...
Meadville	14,568	3–3	...	...	...	1–1	1–1	...	...	...	1–1	...
Coatesville	14,515	2–4	...	1–1	...	1–3	...	...	...	...	...	...
Warren	14,272	3–3	...	1–1	...	1–1†	...	...	...	...	...	...
						1–1						
Donora	14,131	2–2	...	1–1	...	...	...	...	...	...	1–1	...
Connellsville	13,804	1–1	...	...	...	...	1–1	...	...	...	...	...
Du Bois	13,681	1–1	...	1–1	...	...	...	...	...	...	...	...
Steelton	13,428	2–2	...	1–1	...	...	...	...	...	...	1–1	...
Chembersburg	13,171	2–2	...	1–1	...	...	1–1†	...	...	...	...	...
Beaver Falls	12,802	2–2	...	1–1	...	...	...	...	...	1–1	...	...
Ambridge	12,730	2–2	...	1–1	...	...	...	...	...	...	1–1	...
Woodlawn	12,495	1–2	...	1–2	...	...	...	...	...	...	...	...
Old Forge	12,237	2–2	...	1–1	...	...	...	...	...	1–1	...	...
Berwick	12,181	1–1	...	...	...	...	1–1	...	...	...	...	...
New Kensington	11,987	1–1	...	...	...	...	1–1	...	...	...	...	...
West Chester	11,717	1–1	...	...	...	...	...	...	...	...	1–1	...
Charleroi	11,516	2–2	...	...	...	...	1–1	...	...	1–1	...	...
Carlisle	10,916	1–1	...	...	...	...	...	...	...	...	1–1	...
Columbia	10,836	1–1	...	...	...	...	1–1	...	...	...	...	...
Phoenixville	10,484	1–1	...	...	...	...	1–1	...	...	...	...	...
Punxsutawney	10,311	1–1	...	...	...	...	1–1	...	...	...	...	...
Olyphant	10,236	1–1	...	...	...	...	...	...	...	1–1	...	...
VI. Rest of state	.....	93–241	1–1	11–11	...	18–32	42–44	1–1	2–2	2–2	15–29	1–1
			0–117**	0–1***								

** 117 nurses under the State Department of Health gave a local nursing service in 55 counties. This nursing service was available for entire county. Nurses are allocated to the county in which they nursed but counted in the state total.

*** One nurse under the State Department of Education gave a local nursing service. Nurse is allocated to county in which she nursed but counted in state total.

EAST NORTH CENTRAL STATES

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

OHIO

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Joint administration two or more official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
The state	5,759,394	175–730	79–324	31–99	1–15	1–1	14–200	11–13	1–1	8–12	9–10	17–52	3–3
Federal agencies		1–15	...	...	1–15	...	...	...	...	...	...	...	...
State agencies		2–13	1–11	...	...	...	...	...	...	1–2	...	...	...
Local agencies		172–702	78–313	31–99	...	1–1	14–200	11–13	1–1	7–10	9–10	17–52	3–3
I. 500,000 and over													
Cleveland	796,841	4–207	1–103	1–38	...	...	2–66	...	...	...	...	...	...
II. 100,000 to 500,000													
Cincinnati	401,247	4–68	1–6†	...	...	...	1–19	...	...	...	...	1–15	...
Toledo	243,164	5–64	1–28 1–3†	1–8	...	...	1–34	...	...	...	...	1–1	...
Columbus	237,031	3–27	1–18 1–3†	1–4	...	...	1–20	...	...	...	...	...	...
Akron	208,435	3–43	1–4†	...	...	...	...	...	...	...	1–2	...	...
Dayton	152,559	3–31	1–37 1–1†	1–6	...	...	1–24	...	...	...	...	...	...
Youngstown	132,358	3–27	1–3†	1–6	...	...	1–18	...	...	...	...	...	...
III. 50,000 to 100,000													
Canton	87,091	5–22	1–4†	1–4	...	...	1–11	...	...	1–1†	...	...	...
Springfield	60,840	3–8	1–2 1–1† 1–6	...	...	...	...	...	...	...	1–1	...	...
IV. 25,000 to 50,000													
Lakewood	41,732	3–8	1–3	1–3	...	...	1–2	...	...	...	...	...	...
Lima	41,326	3–3	1–1†	1–1	...	...	...	...	...	...	...	...	...
Hamilton	39,675	4–8	1–1 1–1†	1–1	...	...	...	1–2	...	1–4	...	...	...
Lorain	37,295	3–5	1–2	1–2	...	...	...	...	...	...	1–1	...	...
Portsmouth	33,011	4–6	1–2†	1–1	...	...	...	1–1†	...	...	...	1–2	...
Zanesville	29,569	2–2	1–1†	...	...	...	...	...	...	...	...	1–1	...
Steubenville	28,508	4–4	1–1†	1–1	...	...	...	...	...	...	1–1	1–1	...
Marion	27,891	2–2	1–1†	...	...	...	...	...	...	...	...	1–1	...
Mansfield	27,824	1–15	...	...	...	...	...	...	...	...	...	1–15†	...

East Cleveland	27,292	1–1	1–1	...	...	...	...	...	...	...	...	...	...
Warren	27,050	4–10	1–2†	1–6	...	...	...	...	1–1†	...	...	...	...
			1–1										
Newark	26,718	2–2	1–1	...	...	...	...	...	...	...	...	1–1	...
V. 10,000 to 25,000													
Middletown	23,594	1–7	...	...	...	...	...	...	...	...	...	1–7	...
Sandusky	22,897	1–5	1–5†	...	...	...	...	...	...	...	...	...	...
Ashtabula	22,082	2–3	1–2	...	...	...	...	...	...	...	1–1	...	...
Alliance	21,603	1–1	...	1–1	...	...	...	...	...	...	...	...	...
East Liverpool	21,411	2–2	...	...	...	...	...	1–1	...	...	1–1	...	...
Elyria	20,474	2–2	1–1	1–1	...	...	...	...	...	...	...	...	...
Barberton	18,811	2–2	1–1	1–1	...	...	...	...	...	...	...	...	...
Massillon	17,428	2–3	...	1–1	...	...	1–2	...	...	...	...	...	...
Chillicothe	15,831	1–1	1–1†	...	...	...	...	...	...	...	...	...	...
Cleveland Heights	15,236	1–5	1–5	...	...	...	...	...	...	...	...	...	...
Marietta	15,140	3–3	1–1†	1–1	...	...	...	...	...	...	...	...	...
			1–1										
Bellaire	15,061	2–2	...	1–1	...	...	...	...	...	...	1–1	...	...
Piqua	15,044	2–2	...	...	...	...	...	1–1	...	...	1–1	...	...
Lancaster	14,706	1–1	...	...	...	...	...	...	...	1–1	...	...	...
Tiffin	14,375	2–2	1–1	...	...	...	...	...	...	1–1	...	...	...
Ironton	14,007	1–1	...	...	...	...	...	...	...	...	...	...	1–1
Cambridge	13,104	1–1	1–1†	...	...	...	...	...	...	...	...	...	...
Niles	13,080	2–2	1–1	1–1	...	...	...	...	...	...	...	...	...
Martin's Ferry	11,634	1–1	...	...	...	...	...	1–1	...	...	...	...	...
East Youngstown	11,237	2–2	1–1	1–1	...	...	...	...	...	...	...	...	...
New Philadelphia	10,718	2–2	...	1–1	...	...	...	...	...	...	1–1	...	...
Bucyrus	10,425	1–2	1–2†	...	...	...	...	...	...	...	...	...	...
Salem	10,305	2–2	...	...	...	1–1†	...	1–1	...	...	...	...	...
Cuyahoga Falls	10,200	1–2	1–2	...	...	...	...	...	...	...	...	...	...
VI. Rest of state		68–83	37–51	9–9	...	...	4–4	5–6	...	3–3	...	8–8	2–2

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

INDIANA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Non-official administration: Joint administration, two or more non-official agencies	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
The state	2,930,390	100–244	7–55	21–40	4–13	13–61	19–25	16–23	4–4	10–17	4–4	2–2
Federal agencies		1–9	...	...	1–9	...	...	...	...	...	...	...
State agencies		2–9	1–7	1–2	...	...	...	...	...	...	...	...
Local agencies		97–226	6–48	20–38	3–4	13–61	19–25	16–23	4–4	10–17	4–4	2–2
II. 100,000 to 500,000												
Indianapolis	314,194	4–74	1–42 1–1†	...	...	1–25	...	1–6	...	...	...	...
III. 50,000 to 100,000												
Fort Wayne	86,549	4–11	...	1–2	...	1–3	1–4†	1–2†	...	...	...	...
Evansville	85,264	5–17	1–2	1–4	...	1–5	...	1–2†	...	1–4	...	...
South Bend	70,983	4–19	...	1–8	1–1†	1–9	...	1–1†	...	...	...	...
Terre Haute	66,083	3–11	...	1–3	...	1–7	...	1–1†	...	...	...	...
Gary	55,378	5–9	1–1	1–5	...	...	...	1–1†	1–1	1–1	...	...
IV. 25,000 to 50,000												
Muncie	36,524	3–8	...	1–2	...	1–5	...	1–1†	...	...	...	...
Hammond	36,004	4–4	1–1	1–1	...	...	...	...	1–1	1–1	...	...
East Chicago	35,967	2–4	1–1	...	...	...	...	...	...	1–3	...	...
Kokomo	30,067	1–1	...	...	...	...	1–1†	...	...	...	...	...
Anderson	29,767	2–2	...	1–1	...	1–1	...	...	...	...	...	...
Richmond	26,765	1–3	...	...	...	...	...	...	...	1–3	...	...
V. 10,000 to 25,000												
Elkhart	24,277	2–5	...	...	...	...	1–4	...	...	1–1	...	...
Marion	23,747	2–2	...	...	...	...	...	1–1†	1–1	...	...	...
New Albany	22,992	2–2	...	...	...	...	...	1–1†	1–1	...	...	...
Lafayette	22,486	3–3	...	...	...	...	1–1†	1–1†	...	1–1	...	...
Logansport	21,626	1–2	...	...	1–2†	...	...	...	...	...	...	...
Mishawaka	15,195	1–1	...	1–1	...	...	...	...	...	...	...	...
La Porte	15,158	3–3	...	1–1† 1–1	...	...	...	...	...	1–1	...	...
New Castle	14,458	1–1	...	...	...	1–1	...	...	...	...	...	...
Huntington	14,000	2–2	...	1–1	1–1	...	...	...	...	...	...	...
Peru	12,410	1–1	...	...	...	...	1–1†	...	...	...	...	...
Bloomington	11,595	2–2	...	1–1	...	1–1	...	...	...	...	...	...
Elwood	10,790	1–1	...	...	...	1–1	...	...	...	...	...	...
Whiting	10,145	1–1	...	1–1	...	...	...	...	...	...	...	...
Crawfordsville	10,139	1–1	...	1–1	...	...	...	...	...	...	...	...
VI. Rest of state	.....	36–36	...	5–5	...	3–3	14–14	6–6	...	2–2	4–4	2–2

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

ILLINOIS

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Official administration: Joint administration, two or more official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Non-official administration: Joint administration, two or more non-official agencies	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
The state	6,485,280	176–790	8–185	61–87	26–213	3–3	13–147	15–19	26–51	1–4	6–6	13–68	3–6	1–1
Federal agencies		1–28	...	...	1–28	...	...	...	...	...	...	...	...	...
State agencies		1–5	1–5	...	...	...	...	...	...	...	...	...	...	...
Local agencies		174–757	7–180	61–87	25–185	3–3	13–147	15–19	26–51	1–4	6–6	13–68	3–6	1–1
I. 500,000 and over														
Chicago	2,701,705	6–489	6–166	...	1–7† 1–145	...	1–106	...	1–20	...	...	1–45	...	...
III. 50,000 to 100,000														
Peoria	76,121	3–12	...	1–2	...	...	1–8	...	1–2†	...	...	...	...	...
East St. Louis	66,767	1–7	...	...	...	...	1–7	...	...	...	...	...	...	...
Rockford	65,651	4–20	1–2	1–5	1–3†	...	1–10	...	...	...	...	...	...	...
Springfield	59,183	3–11	...	1–5	1–3†	...	...	...	1–3	...	...	...	...	...
IV. 25,000 to 50,000														
Cicero	44,995	2–6	1–5	...	...	...	...	...	...	...	1–1	...	...	...
Decatur	43,818	3–7	1–1	1–2	...	...	...	...	...	...	...	...	1–4†	...
Oak Park	39,858	2–7	...	1–6	...	...	...	...	...	...	1–1	...	...	...
Joliet	38,442	3–12	...	1–4	1–2†	...	...	...	...	...	...	1–6	...	...
Evanston	27,234	3–4	1–2	1–1	...	...	1–1	...	...	...	...	...	...	...
Aurora	36,397	2–6	...	1–2	...	...	...	...	...	1–4	...	...	...	...
Quincy	35,973	3–4	...	...	1–1	...	1–2	...	1–1	...	...	...	...	...
Rock Island	35,177	2–3	...	1–1	...	...	1–2	...	...	...	...	...	...	...
Danville	33,750	2–4	...	1–1	1–3†	...	...	...	...	...	...	...	...	...
Moline	30,734	2–7	...	1–1	...	...	1–6	...	...	...	...	...	...	...
Bloomington	28,725	2–3	1–2	...	...	...	...	...	1–1†	...	...	...	...	...
Elgin	27,454	2–4	...	1–2	...	...	...	...	...	...	...	1–2	...	...
V. 10,000 to 25,000														
Belleville	24,823	2–2	...	1–1	...	...	...	...	...	...	1–1	...	...	...
Alton	24,682	1–2	...	...	...	...	...	...	...	...	...	1–2	...	...
Galesburg	23,834	4–5	...	1–1† 1–2	1–1†	...	1–1	...	...	...	...	...	...	...
Freeport	19,669	3–5	...	1–1	1–2†	...	...	...	...	...	...	1–2	...	...
Waukegan	19,226	3–4	...	1–2	...	...	...	...	1–1†	...	...	1–1	...	...
Kankakee	16,753	3–3	...	1–1	1–1†	...	...	...	1–1†	...	...	...	...	...
Kewanee	16,026	2–2	...	1–1	...	...	...	...	1–1†	...	...	...	...	...
Champaign	15,873	4–5	...	1–2	1–1	...	...	...	1–1	...	...	1–1	...	...
Jacksonville	15,713	2–4	1–2†	1–2	...	...	...	...	...	...	...	...	...	...
Cairo	15,203	2–3	...	1–2	...	...	...	...	...	...	1–1	...	...	...
Streator	14,779	1–2	...	1–2	...	...	...	...	...	...	...	...	...	...
Granite City	14,757	2–2	...	1–1	...	...	...	...	...	...	1–1	...	...	...
Mattoon	13,552	2–2	...	1–1	...	...	...	...	...	...	...	1–1	...	...
La Salle	13,050	1–4	...	...	...	...	...	...	...	...	...	1–4	...	...
Centralia	12,491	2–3	...	...	...	...	...	...	1–2†	...	1–1	...	...	...
Pekin	12,086	2–2	...	1–1	...	...	...	...	1–1†	...	...	...	...	...
Lincoln	11,882	2–2	...	1–1	1–1†	...	...	...	...	...	...	...	...	...
Canton	10,928	1–1	...	1–1	...	...	...	...	...	...	...	...	...	...
Ottawa	10,816	2–2	...	1–1	...	...	1–1	...	...	...	...	...	...	...
Murphysboro	10,703	1–1	...	...	...	...	...	...	1–1†	...	...	...	...	...
Urbana	10,244	1–1	...	...	...	...	...	1–1†	...	...	...	...	...	...
VI Rest of state		86–94	...	12–32	13–15	3–3	3–3	14–18	14–16	...	...	4–4	2–2	1–1

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

MICHIGAN

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Official administration: Joint administration two or more official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
The state	3,668,412	126–522	24–286*	37–60	14–27*	1–1	8–92	19–26	6–8	1–1	5–5	10–15	1–1
Federal agencies		1–8	...	...	1–8	...	...	...	...	...	...	...	...
State agencies		1–8	1–8	...	...	...	...	...	...	...	...	...	...
Local agencies		124–506	23–278*	37–60	13–19*	1–1	8–92	19–26	6–8	1–1	5–5	10–15	1–1
I. 500,000 and over													
Detroit	993,678	3–272	1–196	...	...	...	1–68	1–8	...	...	...	...	...
II. 100,000 to 500,000													
Grand Rapids	137,634	4–37	1–17	...	1–4†	...	1–14	...	1–2†	...	...	...	...
III. 50,000 to 100,000													
Flint	91,599	3–19	1–9	1–9	...	...	...	...	...	...	...	1–1	...
Saginaw	61,903	4–10	1–7	...	1–0†*	...	...	...	1–2†	...	1–1	...	...
Lansing	57,327	3–9	1–6	...	1–2†	...	...	...	1–1†	...	...	...	...
IV. 25,000 to 50,000													
Hamtramck	48,615	1–5	1–5	...	...	...	...	...	...	...	...	...	...
Jackson	48,374	3–11	1–9	...	...	...	...	1–1†	1–1†	...	...	...	...
Bay City	47,554	3–8	...	1–1	...	...	...	...	...	...	...	1–6	1–1†
Highland Park	46,499	2–11	1–5	1–6	...	...	...	...	...	...	...	...	...
Kalamazoo	38,487	4–15	1–8	1–3	1–3†	...	...	...	...	...	1–1	...	...
Muskegon	36,570	4–8	1–1	1–4	...	...	1–2	...	1–1	...	...	...	...
Battle Creek	36,164	3–5	1–1	1–3	...	...	...	...	1–1†	...	...	...	...
Pontiac	34,273	3–7	1–2	1–3	...	...	1–2	...	...	...	...	...	...
Port Huron	25,944	2–3	1–1	1–2	...	...	...	...	...	...	...	...	...
V. 10,000 to 25,000													
Ann Arbor	19,516	1–3	...	...	...	...	1–3	...	...	...	...	...	...
Ironwood	15,739	1–1	1–1	...	...	...	...	...	...	...	...	...	...
Escanaba	13,103	1–1	...	1–1	...	...	...	...	...	...	...	...	...
Marquette	12,718	2–2	1–1	...	...	...	1–1	...	...	...	...	...	...
Owosso	12,575	1–1	...	1–1	...	...	...	...	...	...	...	...	...
Benton Harbor	12,233	3–3	...	1–1	...	...	1–1	1–1	...	...	...	...	...
Holland	12,183	1–1	...	...	...	1–1	...	...	...	...	...	...	...
Sault Ste. Marie	12,096	2–2	1–1	1–1	...	...	...	...	...	...	...	...	...
Adrian	11,878	1–1	...	...	...	...	...	...	...	...	...	1–1	...
Monroe	11,573	3–3	...	1–1†	...	...	...	1–1†	...	...	...	...	...
				1–1									
Alpena	11,101	3–3	...	1–1	...	...	...	1–1†	...	...	...	1–1	...
Traverse City	10,925	1–1	...	...	...	...	...	1–1†	...	...	...	...	...
Ishpeming	10,500	3–3	1–1	...	1–1†	...	...	...	...	...	1–1	...	...
VI. Rest of state		59–61	6–7	22–22	8–9	...	1–1	13–13	...	1–1	2–2	6–6	...

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

WISCONSIN

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
The **state**	2,632,067	111–253	21–119	27–28	46–51	6–40	1–1	1–3	4–4	4–6	1–1
Federal agencies		1–5	...	...	1–5	...	...	...	...	...	...
State agencies		2–15	1–12	...	...	...	...	1–3	...	...	...
Local agencies		108–233	20–107	27–28	45–46	6–40	1–1	...	4–4	4–6	1–1
II. 100,000 to 500,000											
Milwaukee	457,147	2–98	1–64	...	...	1–34	...	...	...	...	...
III. 50,000 to 100,000											
Racine	58,593	4–8	1–5	...	1–1†	...	1–1	...	1–1	...	...
IV. 25,000 to 50,000											
Kenosha	40,472	4–11	1–7	...	1–1†	...	...	...	1–1	1–2	...
Superior	39,671	4–4	...	1–1	1–1†	...	...	...	1–1	...	...
					1–1						
Madison	38,378	4–11	1–7	1–1	1–2†	1–1	...	...	...	...	...
Oshkosh	33,162	4–5	1–1	1–1	1–1†	...	...	...	...	1–2	...
Green Bay	31,017	2–5	1–4	...	...	...	...	...	1–1	...	...
Sheboygan	30,955	3–3	1–1	1–1	...	...	...	...	...	...	1–1†
La Crosse	30,421	2–4	1–3	...	1–1†	...	...	...	...	...	...
V. 10,000 to 25,000											
Fond du Lac	23,427	2–2	...	1–1	...	...	...	...	...	1–1	...
Beloit	21,284	2–3	...	1–1	...	1–2	...	...	...	...	...
Eau Claire	20,906	3–4	...	1–2	1–1†	1–1	...	...	...	...	...
Wausau	18,661	2–2	1–1	...	1–1†	...	...	...	...	...	...
Janesville	18,293	2–3	1–2	...	1–1†	...	...	...	...	...	...
Manitowoc	17,563	3–3	...	1–1	1–1†	...	...	...	...	...	...
					1–1						
West Allis	13,745	1–3	1–3	...	...	...	...	...	...	...	...
Marinette	13,610	1–1	1–1	...	...	...	...	...	...	...	...
Waukesha	12,558	2–2	...	1–1	1–1†	...	...	...	...	...	...
Stevens Point	11,371	1–1	1–1	...	...	...	...	...	...	...	...
Ashland	11,334	2–2	...	1–1	1–1†	...	...	...	...	...	...
VI. Rest of state		58–58	7–7	17–17	31–31	2–2	...	...	...	1–1	...

WEST NORTH CENTRAL STATES

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

MINNESOTA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Official administration: Joint administration two or more official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Non-official administration: Joint administration two or more non-official agencies	Joint official and non official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
The state	2,387,125	106–317	8–38	45–134	13–33	1–1	4–33	18–18	4–6	3–6	8–46	1–1	1–1
Federal agencies		1–18	...	...	1–18	...	...	...	...	...	...	...	...
State agencies		2–6	1–5	...	...	...	...	...	1–1	...	...	...	...
Local agencies		103–293	9–33	45–134	12–15	1–1	4–33	18–18	3–5	3–6	8–46	1–1	1–1
II. 100,000 to 500,000													
Minneapolis	380,582	6–122	1–16	1–54	1–4†	...	1–30	...	...	...	2–18	...	...
St. Paul	234,698	7–63	1–6	1–23	...	...	...	...	1–3†	1–4	3–25	...	...
III. 50,000 to 100,000													
Duluth	98,917	4–17	1–5† 1–3	1–8	...	...	...	...	...	1–1	...	...	...
V. 10,000 to 25,000													
Winona	19,143	4–5	1–1	1–2	1–1†	...	..	...	...	1–1	...	...	...
St. Cloud	15,873	1–2	...	1–2	...	...	...	...	...	...	...	...	...
Hibbing	15,089	1–3	...	1–3	...	..	...	...	...	...	...	...	...
Virginia	14,022	2–2	1–1	1–1	...	...	...	...	...	...	...	...	...
Rochester	13,722	4–4	1–1	1–1	1–1†	...	1–1	...	...	...	...	...	...
Mankato	12,469	2–2	...	1–1	...	...	...	...	...	...	1–1	...	...
Faribault	11,089	2–2	...	1–1	...	...	1–1	...	...	...	...	...	...
Austin	10,118	2–2	...	1–1	...	...	...	1–1†	...	...	...	...	...
VI. Rest of state		68–71	...	34–37	9–9	1–1	1–1	17–17	2–2	...	2–2	1–1	1–1..

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

IOWA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
The state	2,404,021	105–182*	4–15	36–62	2–7	11–41	39–38*	1–3	1–1	7–9	1–6†
Federal agencies		1–3	...	...	1–3	...	...	...	...	...	...
State agencies		1–3	...	...	...	...	...	1–3‡	...	...	...
Local agencies		102–176*	3–15	36–62	4–4	11–41	39–38*	...	1–1	7–9	1–6†
II. 100,000 to 500,000											
Des Moines	126,468	4–35	1–2	1–19	...	1–13†	1–1	...	...	...	...
III. 50,000 to 100,000											
Sioux City	71,227	2–9	...	1–4	...	1–5	...	...	...	...	...
Davenport	56,727	3–9	...	1–3	1–1†	1–5	...	...	...	...	...
IV. 25,000 to 50,000											
Cedar Rapids	45,566	2–6	...	1–2	...	1–4	...	...	...	...	...
Dubuque	39,141	2–14	1–11†	...	...	1–3	...	...	...	...	...
Waterloo	36,230	3–3	...	2–2	...	...	...	...	...	1–1	...
Council Bluffs	36,162	2–5	...	1–2	...	1–3	...	...	...	...	...
V. 10,000 to 25,000											
Clinton	24,151	3–4	...	1–1	...	1–2	1–1†	...	...	...	...
Burlington	24,057	3–4	...	1–1	...	...	1–1†	...	...	1–2	...
Ottumwa	23,003	2–2	...	1–1	...	...	...	...	...	1–1	...
Mason City	20,065	2–3	...	1–2	...	...	...	...	1–1	...	...
Fort Dodge	19,347	3–3	...	1–1	1–1†	1–1	...	...	...	...	...
Muscatine	16,068	1–1	...	...	...	...	...	...	...	1–1	...
Marshalltown	15,731	2–2	...	1–1	...	1–1	...	...	...	...	...
Keokuk	14,423	2–4	...	1–1	...	1–3	...	...	...	...	...
Boone	12,451	2–2	...	1–1†	1–1	...	...	...	...	...	...
Fort Madison	12,066	2–3	...	1–1	...	...	...	...	...	1–2	...
Iowa City	11,267	2–7	...	1–1	...	...	...	...	...	...	1–6†
VI. Rest of state	.....	60–60*	1–2	19–19	1–1	1–1	36–35*	...	...	2–2	...

‡ Director of the Iowa Tuberculosis Association acted as Director of Public Health Nursing under the State Department of Health, her salary being paid by the Iowa Tuberculosis Association.

MISSOURI

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	3,404,055	49–252*	10–49	8–75	6–14	3–91	14–13*	1–2	3–3	4–5
Federal agencies		1–9	...	...	1–9	...	...	...	...	...
State agencies		2–4	1–3	1–1	...	...	...	...	...	...
Local agencies		46–239*	9–46	7–74	5–5	3–91	14–13*	1–2	3–3	4–5
I. 500,000 and over										
St. Louis	772,897	4–103	1–32	1–28	...	1–41	...	...	...	1–2
II. 100,000 to 500,000										
Kansas City	324,410	2–86	...	1–41	...	1–45	...	...	...	...
III. 50,000 to 100,000										
St. Joseph	77,939	3–8	...	...	...	1–5	1–1†	1–2†	...	...
IV. 25,000 to 50,000										
Springfield	39,631	3–4	1–2†	1–1	...	...	...	...	1–1	...
V. 10,000 to 25,000										
Sedalia	21,144	2–3	1–2†	1–1	...	...	...	...	...	...
Hannibal	19,306	1–0*	...	...	...	...	1–0*	...	...	...
Jefferson City	14,490	1–1	...	1–1	...	...	...	...	...	...
Columbia	10,392	1–1	...	...	...	...	...	...	...	1–1
Cape Girardeau	10,252	2–2	...	1–1	...	...	...	...	1–1	...
Carthage	10,068	1–1	...	...	...	...	1–1	...	...	...
VI. Rest of state	.....	26–30	6–10	1–1	5–5	...	11–11	...	1–1	2–2

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

NORTH DAKOTA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: All others	Non-official administration: Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
The state	646,872	22–27*	2–2	4–6	5–6	8–8	1–0*	1–4	1–1
Federal agencies		1–2	...	...	1–2	...	...	...	...
State agencies		2–1*	1–1	...	...	...	1–0*	...	...
Local agencies		19–24	1–1	4–6	4–4	8–8	...	1–4	1–1
V. 10,000 to 25,000									
Fargo	21,961	3–7	...	1–2	...	1–1†	...	1–4	...
Grand Forks	14,010	3–4	1–1	1–2	1–1†	...	...	...	...
Minot	10,476	1–1	...	1–1	...	...	...	...	...
VI. Rest of state		12–12	...	1–1	3–3	7–7	...	...	1–1

SOUTH DAKOTA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: American Red Cross	Non-official administration: Public health association
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
The state	636,547	34–36*	4–8	6–6	7–9	15–11*	2–2
Federal agencies		1–3	...	...	1–3	...	...
State agencies		1–1	1–1	...	...	...	...
Local agencies		32–32*	3–7	6–6	6–6	15–11*	2–2
IV. 25,000 to 50,000							
Sioux Falls	25,202	2–2	1–1	1–1	...	...	...
V. 10,000 to 25,000							
Aberdeen	14,537	2–5	1–4†	1–1	...	...	...
VI. Rest of state	.....	28–25*	1–2	4–4	6–6	15–11*	2–2

NEBRASKA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: Joint administration, two or more non-official agencies
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	1,296,372	42–100	3–7	15–39	1–4	1–27	19–19	1–2	1–1	1–1
Federal agencies		1–4	...	...	1–4	...	...	...	...	...
State agencies		2–6	1–3	1–3‡	...	...	...	...	...	...
Local agencies		39–90	2–4	14–36	...	1–27	19–19	1–2	1–1	1–1
II. 100,000 to 500,000										
Omaha	191,601	3–46	1–1	1–18	...	1–27	...	...	...	...
III. 50,000 to 100,000										
Lincoln	54,948	4–12	1–3	1–6	...	...	...	1–2	1–1	...
V. 10,000 to 25,000										
Grand Island	13,947	1–1	...	1–1	...	...	...	...	...	...
Hastings	11,647	2–2	...	1–1	...	...	...	...	...	1–1
VI. Rest of state	.....	29–31	...	10–10 0–2‡	...	...	19–19	...	...	...

‡ Two nurses under State Department of Education gave a local nursing service. Nurses are allocated to the county in which they nursed but counted under state total.

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

KANSAS

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Official administration: Joint administration, two or more official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
The state	1,769,257	73–128	9–14	28–38	3–5	1–1	8–43	16–16	2–2	3–6	3–3
State agencies		2–3	1–2	...	...	...	...	...	1–1	...	...
Local agencies		71–125	8–12	28–38	3–5	1–1	8–43	16–16	1–1	3–6	3–3
II. 100,000 to 500,000											
Kansas City	101,177	3–18	...	1–5	...	...	1–12	1–1	...	...	...
III. 50,000 to 100,000											
Wichita	72,217	3–23	...	1–5	...	...	1–17	...	1–1†	...	...
Topeka	50,022	3–13	1–2	1–3	...	...	1–8	...	...	...	...
V. 10,000 to 25,000											
Hutchinson	23,298	2–3	...	1–1	...	...	1–2	...	...	...	...
Pittsburg	18,052	2–2	...	1–1	...	...	1–1	...	...	...	...
Parsons	16,028	1–1	...	1–1	...	...	...	...	...	...	...
Salina	15,085	2–4	...	1–1	1–3†	...	...	...	...	...	...
Coffeyville	13,452	2–2	...	1–1	...	...	...	1–1	...	...	...
Atchison	12,630	1–3	...	...	...	...	...	...	...	1–3†	...
Lawrence	12,456	2–2	1–1	1–1	...	...	...	...	...	...	...
Independence	11,920	1–1	...	...	...	...	1–1	...	...	...	...
Emporia	11,273	2–2	1–1†	1–1	...	...	...	...	...	...	...
Arkansas City	11,253	2–2	...	1–1	1–1	...	...	...	...	...	...
El Dorado	10,995	3–3	1–1†	1–1	...	...	1–1	...	...	...	...
Fort Scott	10,693	1–1	...	1–1	...	...	...	...	...	...	...
Chanute	10,286	1–1	...	1–1	...	...	...	...	...	...	...
VI. Rest of state	.....	40–44	4–7	14–14	1–1	1–1	1–1	14–14	...	2–3	3–3

SOUTH ATLANTIC STATES

DELAWARE

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Non-official administration: Public health nursing association or similar agency	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)
The state	223,003	5–30	1–12	1–4	2–13	1–1
State agencies		1–12	1–12	...	...	...
Local agencies		4–18	...	1–4	2–13	1–1
II. 100,000 to 500,000						
Wilmington	110,168	2–16	...	1–4	1–12	...
VI. Rest of state	.....	2–2	...	...	1–1	1–1

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

MARYLAND

Population group and city (1)	Population 1920 census (2)	Total number (3)	Official administration: Board of health (4)	Board of education (5)	Other official boards (6)	Non-official administration: Public health nursing association or similar agency (7)	American Red Cross (8)	Tuberculosis association (9)	Public health association (10)	Metropolitan Life Ins. Co. services (11)	All others (12)
The state	1,449,661	25–224	6–140	2–2	1–7	1–29	5–6	1–1	6–11	1–1	2–27
Federal agencies		1–7	...	...	1–7	...	...	...	...	...	...
State agencies		1–11	1–11	...	...	...	...	...	...	...	...
Local agencies		23–206	5–129	2–2	...	1–29	5–6	1–1	6–11	1–1	2–27
I. 500,000 and over											
Baltimore	733,826	3–175	1–121	...	...	1–29	...	...	...	...	1–25
IV. 25,000 to 50,000											
Cumberland	29,837	3–6	1–2† 1–3	...	...	...	...	...	...	1–1	...
Hagerstown	28,064	1–4	...	...	...	...	...	...	1–4†	...	...
V. 10,000 to 25,000											
Annapolis	11,214	1–2	...	...	...	...	1–2†	...	...	...	...
Frederick	11,066	2–2	1–1†	...	...	...	...	...	1–1	...	...
VI. Rest of state		13–17	1–2	2–2	...	...	4–4	1–1	4–6	...	1–2

DISTRICT OF COLUMBIA

Agencies (1)	Population 1920 census (2)	Total number (3)	Official administration: Board of health (4)	Other official boards (5)	Non-official administration: Public health nursing association or similar agency (6)	All others (7)
The district	437,571	4–52	1–11	1–6	1–32	1–3
Federal agencies		1–6	...	1–6	...	...
Local agencies		3–46	1–11	...	1–32	1–3

VIRGINIA

Population group and city (1)	Population 1920 census (2)	Total number (3)	Official administration: Board of health (4)	Board of education (5)	Other official boards (6)	Non-official administration: Public health nursing association or similar agency (7)	American Red Cross (8)	Public health association (9)	Metropolitan Life Ins. Co. services (10)	All others (11)	Joint administration, two or more non-official agencies (12)
The state	2,309,187	69–183	22–73	10–27	3–7	10–34	12–12	2–2	4–5	4–19	2–4
Federal agencies		1–5	...	...	1–5	...	...	...	...	...	...
State agencies		1–16	1–16	...	...	...	...	...	...	...	...
Local agencies		67–162	21–57	10–27	2–2	10–34	12–12	2–2	4–5	4–19	2–4
II. 100,000 to 500,000											
Richmond	171,667	4–47	1–1† 1–15	1–12	...	1–19	...	...	...	...	...
Norfolk	115,777	2–24	1–8	...	...	...	...	...	...	1–16	...
III. 50,000 to 100,000											
Portsmouth	54,387	3–7	1–1† 1–3	1–3	...	...	...	...	...	...	...
Roanoke	50,842	2–6	...	...	...	1–5	1–1†	...	...	...	...
IV. 25,000 to 50,000											
Newport News	35,596	3–6	...	1–2	...	...	1–1	...	...	...	1–3
Petersburg	31,012	3–6	1–3	1–2	...	...	...	...	1–1	...	...
Lynchburg	30,070	3–6	1–3	1–2	...	...	...	...	1–1	...	...
V. 10,000 to 25,000											
Danville	21,539	2–6	1–4	...	...	...	...	...	1–2	...	...
Alexandria	18,060	2–2	...	1–1	...	...	...	...	...	...	1–1
Charlottesville	10,688	1–3	1–3†	...	...	...	...	...	...	...	...
Staunton	10,623	3–3	1–1†	1–1	...	...	...	...	...	1–1	...
VI. Rest of state	.....	39–46	11–15	3–4	2–2	8–10	10–10	2–2	1–1	2–2	...

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

WEST VIRGINIA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Board of education	Other official boards	Non-official administration: Public health nursing association or similar agency	American Red Cross	Tuberculosis association	Metropolitan Life Ins. Co. services	All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	1,463,701	39–73	9–16	12–25	4–5	2–10	4–8	5–6	2–2	1–1
Federal agencies		1–2	...	...	1–2	...	...	...	...	...
State agencies		2–6	1–4	...	...	...	...	1–2	...	...
Local agencies		36–65	8–12	12–25	3–3	2–10	4–8	4–4	2–2	1–1
III. 50,000 to 100,000										
Wheeling	56,208	5–14	1–1	1–7	1–1†	...	1–4	...	...	1–1
Huntington	50,177	4–6	...	1–3	1–1	...	...	1–1	1–1	...
IV. 25,000 to 50,000										
Charleston	39,608	2–11	...	1–4	...	1–7	...	...	...	...
Clarksburg	27,869	4–6	1–1† 1–1	1–1	...	1–3	...	...	...	...
V. 10,000 to 25,000										
Parkersburg	20,050	3–5	...	1–2	...	...	1–2†	1–1†	...	...
Fairmount	17,851	3–4	...	1–2	...	...	1–1	1–1†	...	...
Bluefield	15,282	1–1	1–1	...	...	...	...	...	...	...
Martinsburg	12,515	2–2	...	1–1	...	...	...	...	1–1	...
Morgantown	12,127	2–2	...	1–1	...	...	...	1–1†	...	...
VI. Rest of state	.....	10–14	4–8	4–4	1–1	...	1–1	...	...	...

NORTH CAROLINA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Board of education	Other official boards	Non-official administration: American Red Cross	Metropolitan Life Ins. Co. services	All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
The state	2,559,123	52–122*	29–95*	3–4	2–4	9–10	5–5	4–4
Federal agencies		1–3	...	...	1–3	...	...	...
State agencies		1–13	1–13	...	...	...	...	...
Local agencies		50–106*	28–82*	3–4	1–1	9–10	5–5	4–4
IV. 25,000 to 50,000								
Winston-Salem	48,395	3–12	1–1† 1–10	...	...	...	1–1	...
Charlotte	46,338	1–14	1–14†	...	...	...	...	...
Wilmington	33,372	1–7	1–7†	...	...	...	...	...
Asheville	25,504	2–7	1–1† 1–6	...	...	...	...	...
V. 10,000 to 25,000								
Raleigh	24,418	3–8	1–6†	...	...	...	1–1	1–1
Durham	21,719	2–7	1–5†	1–2	...	...	...	...
Greensboro	19,861	2–7	1–6	...	...	...	...	1–1
High Point	14,302	2–3	1–2	1–1	...	...	...	...
Salisbury	13,884	1–2	1–2†	...	...	...	...	...
Gastonia	12,871	2–2	...	...	...	1–1†	1–1	...
New Bern	12,198	1–2	1–2†	...	...	...	...	...
Goldsboro	11,296	1–1	1–1†	...	...	...	...	...
Wilson	10,612	1–1	1–1†	...	...	...	...	...
VI. Rest of state		28–33*	14–18*	1–1	1–1	8–9	2–2	2–2

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

SOUTH CAROLINA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
The state	1,683,724	35–58	13–23	3–5	1–4	2–10	2–2	2–2	5–5	2–2	5–5
Federal agencies		1–4	...	...	1–4	...	...	...	...	...	...
State agencies		2–9	1–8	...	...	...	...	1–1	...	...	...
Local agencies		32–45	12–15	3–5	...	2–10	2–2	1–1	5–5	2–2	5–5
III. 50,000 to 100,000											
Charleston	67,957	5–10	1–1† 1–1	1–3	...	1–4	...	...	...	1–1	...
IV. 25,000 to 50,000											
Columbia	37,524	1–6	...	...	...	1–6	...	...	...	...	...
V. 10,000 to 25,000											
Greenville	23,127	2–4	1–3	...	...	...	...	...	1–1	...	...
Spartanburg	22,638	4–4	1–1	1–1	...	...	...	1–1†	1–1	...	...
Florence	10,968	1–1	...	1–1	...	...	...	...	...	...	...
Anderson	10,570	2–2	1–1†	...	...	...	...	...	1–1	...	...
VI. Rest of state	.....	17–18	7–8	...	...	...	2–2	...	2–2	1–1	5–5

GEORGIA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	2,895,832	22–102	9–45	1–4	1–9	3–3	1–6	5–16	1–18	1–1
Federal agencies		1–4	...	1–4	...	...	...	...	...	...
State agencies		1–3	1–3	...	...	...	...	...	...	...
Local agencies		20–95	8–42	...	1–9	3–3	1–6	5–16	1–18	1–1
II. 100,000 to 500,000										
Atlanta	200,616	3–30	1–13	...	...	...	1–6†	1–11	...	...
III. 50,000 to 100,000										
Savannah	83,252	2–26	1–8	...	...	...	...	...	1–18†	...
Macon	52,995	2–5	1–3†	...	...	...	...	1–2	...	...
Augusta	52,548	1–13	1–13†	...	...	...	...	...	...	...
IV. 25,000 to 50,000										
Columbus	31,125	1–9	...	...	1–9	...	...	...	...	...
V. 10,000 to 25,000										
Waycross	18,068	1–1	...	...	...	1–1	...	...	...	...
La Grange	17,038	1–1	...	...	...	...	...	1–1	...	...
Athens	16,748	1–1	...	...	...	...	...	1–1	...	...
Brunswick	14,413	1–1	1–1†	...	...	...	...	...	...	...
Rome	13,252	1–2	1–2†	...	...	...	...	...	...	...
Albany	11,555	1–1	1–1	...	...	...	...	...	...	...
VI. Rest of state	.....	5–5	1–1	...	...	2–2	...	1–1	...	1–1

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

FLORIDA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Official administration: Joint administration, two or more official boards	Non-official administration: American Red Cross	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	968,470	27–45	6–17	2–2	3–4	1–1	6–8	1–1	4–4	4–8
Federal agencies		1–1	...	...	1–1	...	...	...	...	...
State agencies		1–5	1–5	...	...	...	...	...	...	...
Local agencies		25–39	5–12	2–2	2–3	1–1	6–8	1–1	4–4	4–8
III. 50,000 to 100,000										
Jacksonville	91,558	2–8	1–7	...	...	...	...	...	1–1	...
Tampa	51,608	2–2	1–1	...	...	...	...	...	1–1	...
IV. 25,000 to 50,000										
Pensacola	31,035	1–1	...	...	...	...	...	...	1–1	...
Miami	29,571	3–5	1–2	...	...	...	1–2†	...	1–1	...
V. 10,000 to 25,000										
St. Petersburg	14,237	1–2	...	...	1–2†	...	...	...	...	...
VI. Rest of state	.....	16–21	2–2	2–2	1–1	1–1	5–6	1–1	...	4–8

EAST SOUTH CENTRAL STATES

KENTUCKY

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
The state	2,416,630	46–117	8–27	2–6	1–7	2–40	9–9	1–1	12–15	5–6	6–6
Federal agencies		1–7	...	...	1–7	...	...	...	...	...	...
State agencies		1–5	1–5	...	...	...	...	...	...	...	...
Local agencies		44–105	7–22	2–6	...	2–40	9–9	1–1	12–15	5–6	6–6
II. 100,000 to 500,000											
Louisville	234,891	3–42	1–2† 1–7	...	...	1–33	...	...	...	...	...
III. 50,000 to 100,000											
Covington	57,121	3–6	...	1–3†	...	...	...	1–1†	...	1–2	...
IV. 25,000 to 50,000											
Lexington	41,354	3–11	...	1–3	...	1–7	...	...	...	...	1–1†
Newport	29,317	1–2	...	...	...	...	...	...	1–2	...	...
V. 10,000 to 25,000											
Paducah	24,735	1–2	...	...	...	...	...	...	1–2	...	...
Owensboro	17,424	1–3	1–3†	...	...	...	...	...	...	...	...
Ashland	14,729	1–3	1–3†	...	...	...	...	...	...	...	...
VI. Rest of state	.....	31–36	3–7	...	...	...	9–9	...	10–11	4–4	5–5

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them

TENNESSEE

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
The state	2,337,885	41–141*	12–56	5–11	3–7	2–32	6–4*	3–6	1–1	4–8	5–16
Federal agencies		1–5	...	...	1–5	...	...	...	...	...	...
State agencies		1–2	1–2	...	...	...	...	...	...	...	...
Local agencies		39–134*	11–54	5–11	2–2	2–32	6–4*	3–6	1–1	4–8	5–16
II. 100,000 to 500,000											
Memphis	162,351	3–46	1–2† 1–21	...	...	1–23	...	...	...	...	...
Nashville	118,342	5–34	1–2† 1–16	...	...	1–9	...	1–4	...	1–3	...
III. 50,000 to 100,000											
Knoxville	77,818	2–15	...	1–5	...	...	...	...	...	...	1–10†
Chattanooga	57,895	5–8	...	1–2	1–1†	...	...	1–1†	...	1–2	1–2
V. 10,000 to 25,000											
Jackson	18,860	2–2	...	...	...	...	...	1–1†	...	1–1	...
Johnson City	12,442	2–2	...	1–2	...	...	1–0*	...	...	...	...
VI. Rest of state	.....	20–27	7–13	2–2	1–1	...	5–4*	...	1–1	1–2	3–4

ALABAMA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	2,348,174	36–78*	22–54	2–5	1–3	1–1	1–1	3–7*	5–6	1–1
Federal agencies		1–3	...	...	1–3	...	...	...	...	...
State agencies		1–4	1–4	...	...	...	...	...	...	...
Local agencies		34–71*	21–50	2–5	...	1–1	1–1	3–7*	5–6	1–1
II. 100,000 to 500,000										
Birmingham	178,806	5–33	1–8† 1–14	1–3	...	...	...	1–6	1–2	...
III. 50,000 to 100,000										
Mobile	60,777	4–6	1–2†	1–2†	...	...	1–1	...	1–1	...
IV. 25,000 to 50,000										
Montgomery	43,464	2–6	1–6†	...	...	...	...	1–0†*	...	...
V. 10,000 to 25,000										
Bessemer	18,674	1–1	...	...	...	...	...	...	1–1	...
Anniston	17,734	1–1	...	...	...	1–1	...	...	...	...
Selma	15,589	1–2	1–2†	...	...	...	...	...	...	...
Gadsden	14,737	3–3	1–1†	...	...	...	...	1–1†	1–1	...
Tuscaloosa	11,996	1–1	1–1†	...	...	...	...	...	...	...
Florence	10,529	1–1	1–1†	...	...	...	...	...	...	...
Dothan	10,034	1–1	1–1†	...	...	...	...	...	...	...
VI. Rest of state	.....	14–16	12–14	...	...	...	...	...	1–1	1–1

MISSISSIPPI

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Other official boards	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
The state	1,790,618	28–37	7–12	12–16	3–3	1–1	4–4	1–1
Federal agencies		1–5	...	1–5	...	...	...	...
State agencies		1–4	1–4	...	...	...	...	...
Local agencies		26–28	6–8	11–11	3–3	1–1	4–4	1–1

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

MISSISSIPPI—*Continued*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
V. 10,000 to 25,000								
Meridian	23,399	1–1	...	...	...	...	1–1	...
Jackson	22,817	1–2	1–2	...	...	...	...	...
Hattiesburg	13,270	2–2	1–1†	...	...	...	1–1	...
Natchez	12,608	1–1	...	...	1–1†	...	...	...
Greenville	11,560	2–2	1–1†	...	...	1–1†	...	...
Biloxi	10,937	1–1	...	...	...	...	1–1	...
VI. Rest of state	.....	18–19	3–4	11–11	2–2	...	1–1	1–1

ARKANSAS

Population group and city	Population 1920 census	Total number	Official administration			Non-official administration				
			Board of health	Board of education	Other official boards	American Red Cross	Tuberculosis association	Public health association	Metropolitan Life Ins. Co. services	All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	1,752,204	20–28	4–6	2–4	1–3	7–7	2–4	1–1	2–2	1–1
Federal agencies		1–3	...	...	1–3	...	...	...	...	...
State agencies		1–3	1–3	...	...	...	...	...	...	...
Local agencies		18–22	3–3	2–4	...	7–7	2–4	1–1	2–2	1–1
III. 50,000 to 100,000										
Little Rock	65,142	6–9	1–1	1–1† 1–3	...	...	1–2	...	1–1	1–1
IV. 25,000 to 50,000										
Fort Smith	28,870	2–2	1–1	...	...	...	...	...	1–1	...
V. 10,000 to 25,000										
Pine Bluff	19,280	1–2	...	...	...	...	1–2†	...	...	...
North Little Rock	14,048	1–1	1–1	...	...	...	...	...	...	...
Hot Springs	11,695	1–1	...	...	...	1–1†	...	...	...	...
VI. Rest of state	.....	7–7	...	...	...	6–6	...	1–1	...	...

LOUISIANA

Population group and city	Population 1920 census	Total number	Official administration			Non-official administration		
			Board of health	Board of education	Other official boards	American Red Cross	Metropolitan Life Ins. Co. services	All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
The state	1,798,509	18–81	10–21	1–9	1–6	3–5	1–6	2–34
Federal agencies		1–6	...	...	1–6	...	...	...
State agencies		1–2	1–2	...	...	...	...	...
Local agencies		16–73	9–19	1–9	...	3–5	1–6	2–34
II. 100,000 to 500,000								
New Orleans	387,219	4–59	1–11†	1–9†	...	...	1–6	1–33
IV. 25,000 to 50,000								
Shreveport	43,874	1–3	...	...	...	1–3†	...	...
V. 10,000 to 25,000								
Baton Rouge	21,782	1–1	...	...	...	1–1†	...	...
Lake Charles	13,088	2–2	1–1	...	...	1–1	...	...
Monroe	12,675	2–2	1–1	...	...	...	...	1–1
VI. Rest of state	.....	6–6	6–6	...	...	...	...	...

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

OKLAHOMA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
The state	2,028,283	25–54	2–7	3–5	1–2	1–16	4–4	1–2	10–15	1–1	1–1	1–1
Federal agencies		1–2	...	...	1–2	...	...	...	...	...	...	...
State agencies		2–7	1–6	...	...	...	...	...	1–1	...	...	...
Local agencies		22–45	1–1	3–5	...	1–16	4–4	1–2	9–14	1–1	1–1	1–1
III. 50,000 to 100,000												
Oklahoma City	91,295	2–18	...	...	...	1–16	...	1–2†	...	...	...	...
Tulsa	72,075	3–9	...	1–3	...	...	...	...	1–5†	1–1	...	...
IV. 25,000 to 50,000												
Muskogee	30,277	1–1	...	...	...	...	...	...	...	...	1–1	...
V. 10,000 to 25,000												
Okmulgee	17,430	2–2	...	1–1	...	...	...	...	1–1†	...	...	...
Enid	16,576	1–1	...	...	...	...	...	...	1–1	...	...	...
Shawnee	15,348	1–1	...	...	...	...	...	...	1–1	...	...	...
Bartlesville	14,417	1–1	...	...	...	...	...	...	1–1†	...	...	...
Ardmore	14,181	1–1	...	...	...	...	...	...	1–1	...	...	...
McAlester	12,095	1–1	...	...	...	...	...	...	1–1†	...	...	...
VI. Rest of state		9–10	1–1	1–1	...	...	4–4	...	2–3	...	...	1–1

TEXAS

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	4,663,228	58–143	12–44	7–17	7–20	1–1	20–31	3–9	3–3	5–18
Federal agencies		1–14	...	...	1–14	...	...	...	...	...
State agencies		2–7	1–6	...	...	...	...	...	1–1	...
Local agencies		55–122	11–38	7–17	6–6	1–1	20–31	3–9	2–2	5–18
II. 100,000 to 500,000										
San Antonio	161,379	2–9	1–7	1–2	...	...	...	...	...	...
Dallas	158,976	4–12	1–5	...	...	...	...	1–3	...	2–4
Houston	138,276	3–22	...	...	...	...	1–6†	1–4†	...	1–12
Fort Worth	106,482	3–12	1–1†	1–9	...	...	...	1–2†	...	...
III. 50,000 to 100,000										
El Paso	77,560	2–18	1–4† 1–14	...	...	...	...	...	...	...
IV. 25,000 to 50,000										
Galveston	44,255	2–4	...	1–1	...	...	1–3	...	...	...
Beaumont	40,422	3–5	1–1	1–2	...	...	1–2	...	...	...
Wichita Falls	40,079	1–2	...	...	...	...	1–2	...	...	...
Waco	38,500	2–3	1–2	...	...	...	1–1†	...	...	...
Austin	34,876	3–3	1–1	1–1	1–1†	...	...	...	...	...
V. 10,000 to 25,000										
Laredo	22,710	1–1	...	...	...	...	1–1†	...	...	...
Port Arthur	22,251	1–3	...	...	...	...	1–3	...	...	...
Denison	17,065	1–1	...	...	...	...	1–1	...	...	...
Ranger	16,205	1–1	...	...	...	...	...	...	...	1–1
Amarillo	15,494	1–1	...	1–1	...	...	...	...	...	...
Sherman	15,031	1–1	...	...	...	...	...	...	1–1	...
Brownsville	11,791	1–1	...	...	...	1–1	...	...	...	...
Texarkana	11,480	1–1	...	...	...	...	1–1†	...	...	...
Corsicana	11,356	1–1	...	...	...	...	...	...	...	1–1
Palestine	11,039	1–1	...	...	...	...	1–1†	...	...	...
Temple	11,033	1–1	...	...	...	...	1–1†	...	...	...
Abilene	10,274	1–1	...	...	...	...	1–1†	...	...	...
VI. Rest of state	.....	18–18	3–3	1–1	5–5	...	8–8	...	1–1	...

MOUNTAIN DIVISION

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

MONTANA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: Joint administration, two or more non-official agencies	Non-official administration: Joint official and non-official administration
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	548,889	19–26*	3–8	8–7*	1–4	2–2	1–1	2–2	1–1	1–1
Federal agencies		1–4	...	...	1–4	...	...	...	...	...
State agencies		1–4	1–4	...	...	...	...	...	...	...
Local agencies		17–18*	2–4	8–7*	...	2–2	1–1	2–2	1–1	1–1
IV. 25,000 to 50,000										
Butte	41,611	2–2	...	...	...	1–1	...	1–1	...	...
V. 10,000 to 25,000										
Great Falls	24,121	3–4	1–2†	1–1	...	...	...	1–1	...	...
Billings	15,100	1–0*	...	1–0*	...	...	...	...	...	...
Missoula	12,668	1–2	1–2	...	...	...	...	...	...	...
Helena	12,037	1–1	...	...	...	1–1	...	...	...	...
Anaconda	11,668	1–1	...	1–1	...	...	...	...	...	...
VI. Rest of state	.....	8–8	...	5–5	...	...	1–1	...	1–1	1–1

IDAHO

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
The state	431,866	11–12	1–2	3–3	1–1	5–5	1–1
State agencies		2–3	1–2	...	...	...	1–1
Local agencies		9–9	...	3–3	1–1	5–5	...
V. 10,000 to 25,000							
Boise	21,393	2–2	...	1–1	1–1	...	...
Pocatello	15,001	1–1	...	1–1	...	...	...
VI. Rest of state		6–6	...	1–1	...	5–5	...

WYOMING

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health association
(1)	(2)	(3)	(4)	(5)	(6)	(7)
The state	194,402	13–17	2–5	9–9	1–2	1–1
Federal agencies		1–2	...	...	1–2	...
State agencies		2–3	1–2	...	...	1–1
Local agencies		10–12	1–3	9–9	...	...
IV. 10,000 to 25,000						
Cheyenne	13,829	1–1	...	1–1	...	...
Casper	11,447	1–3	1–3†	...	...	...
VI. Rest of state		8–8	...	8–8	...	...

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

COLORADO

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Board of education	Other official boards	Joint administration, two or more official boards	Non-official administration: Public health nursing association or similar agency	American Red Cross	Tuberculosis association	Public health association	Metropolitan Life Ins. Co. services
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
The state	939,629	36–90	2–4	14–24	4–15	1–4	2–28	3–4	3–6	5–5	2–2
Federal agencies		1–12	...	...	1–12	...	...	...	...	...	...
State agencies		3–5	1–1	1–1	...	...	...	...	1–3	...	...
Local agencies		32–73	1–1	13–23	3–3	1–4	2–28	3–4	2–3	5–5	2–2
II. 100,000 to 500,000											
Denver	256,491	3–36	...	1–11	...	...	1–23	...	1–2	...	...
IV. 25,000 to 50,000											
Pueblo	43,050	4–4	...	1–1	...	...	...	1–1	...	1–1	1–1
Colorado Springs	30,105	3–10	...	...	1–1†	1–4	1–5	...	...	...	...
V. 10,000 to 25,000											
Boulder	11,006	3–3	1–1	...	...	...	...	...	1–1	...	1–1
Greeley	10,958	2–3	...	...	...	...	...	1–2†	...	1–1	...
Trinidad	10,906	1–1	...	1–1	...	...	...	...	...	...	...
VI. Rest of state	.....	16–16	...	10–10	2–2	...	...	1–1	...	3–3	...

NEW MEXICO

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Board of education	Other official boards	Non-official administration: American Red Cross
(1)	(2)	(3)	(4)	(5)	(6)	(7)
The state	360,350	15–18	6–7	5–5	4–4	2–2
Federal agencies		1–3	...	...	1–3	...
State agencies		2–3	1–2	...	1–1	...
Local agencies		12–12	5–5	5–5	...	2–2
V. 10,000 to 25,000						
Albuquerque	15,157	1–1	...	1–1	...	...
VI. Rest of state	.....	11–11	5–5	4–4	...	2–2

ARIZONA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Board of education	Other official boards	Joint administration, two or more official boards	Non-official administration: American Red cross	All others	Joint administration, two or more non-official agencies
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
The state	334,162	21–34*	1–5	13–16	2–7	1–1	1–0*	2–4	1–1
Federal agencies		1–5	...	...	1–5	...	...	...	...
State agencies		1–5	1–5	...	...	...	...	...	...
Local agencies		19–24*	...	13–16	1–2	1–1	1–0*	2–4	1–1
IV. 25,000 to 50,000									
Phoenix	29,053	2–5	...	1–2	...	...	...	1–3	...
V. 10,000 to 25,000									
Tucson	20,292	2–3	...	1–2	...	...	...	1–1†	...
VI. Rest of state	.....	15–16	...	11–12	1–2	1–1	1–0*	...	1–1

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

UTAH

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Joint administration, two or more official boards	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
The state	449,396	11–39	3–24	3–3	1–3	1–1	1–3	2–5
Federal agencies		1–3	...	...	1–3	...	...	...
State agencies		3–7	1–3	1–1	...	...	1–3	...
Local agencies		7–29	2–21	2–2	...	1–1	...	2–5
II. 100,000 to 500,000								
Salt Lake City	118,110	3–25	1–4†	...	...	...	...	1–4
IV. 25,000 to 50,000			1–17					
Ogden	32,804	2–2	...	1–1	...	...	...	1–1
V. 10,000 to 25,000								
Provo	10,303	1–1	...	...	...	1–1	...	...
VI. Rest of state	.....	1–1	...	1–1	...	...	...	...

NEVADA

Population group and city	Population 1920 census	Board of health
(1)	(2)	(3)
The state	77,407	1–6

PACIFIC DIVISION

WASHINGTON

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	1,356,621	43–106*	8–24	7–32	10–17*	2–7	5–14	6–6	3–3	2–3
Federal agencies		1–5	...	...	1–5	...	...	...	...	...
State agencies		1–2	1–2	...	...	...	...	...	...	...
Local agencies		41–99*	7–22	7–32	9–12*	2–7	5–14	6–6	3–3	2–3
II. 100,000 to 500,000										
Seattle	315,312	5–42	1–2†	1–16	...	...	1–9	...	...	1–1
			1–14							
Spokane	104,437	5–11	1–1†	1–5	...	...	...	...	1–1	1–2
			1–2							
III. 50,000 to 100,000										
Tacoma	96,965	3–13	...	1–5	1–2†	1–6	...	...	...	...
IV. 25,000 to 50,000										
Everett	27,644	2–3	...	1–2	...	...	...	...	1–1	...
Bellingham	25,585	3–4	...	1–2	1–1†	...	...	...	1–1	...
V. 10,000 to 25,000										
Yakima	18,539	3–3	1–1†	...	...	1–1	1–1†	...	...	...
Walla Walla	15,503	3–3	1–1†	1–1	...	...	...	1–1†	...	...
Aberdeen	15,337	2–2	...	...	...	...	1–1	1–1†	...	...
Vancouver	12,637	1–2	...	...	1–2†	...	...	...	...	...
Hoquiam	10,058	1–1	...	1–1	...	...	...	...	...	...
VI. Rest of state	.....	13–15	1–1	...	6–7*	...	2–3	4–4	...	...

Figure before dash indicates NUMBER OF AGENCIES, figure after dash indicates NUMBER OF NURSES employed in them.

OREGON

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Public health association	Non-official administration: Metropolitan Life Ins. Co. services
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
The state	783,389	27–48*	3–8	6–7	2–4**	1–15	1–0*	1–4	12–9*	1–1
Federal agencies		2–4	...	...	2–4**	...	...	...	...	...
State agencies		2–5	1–1	...	...	...	...	1–4	...	...
Local agencies		23–39*	2–7	6–7	...	1–15	1–0*	...	12–9*	1–1
II. 100,000 to 500,000										
Portland	258,288	3–22	1–5	...	...	1–15	...	...	1–2†	...
V. 10,000 to 25,000										
Salem	17,679	3–2*	...	1–1	...	...	...	...	1–0†*	1–1
Astoria	14,027	2–1*	...	1–1	...	...	...	...	1–0†*	...
VI. Rest of state		15–15	1–2	4–5	0–1**	...	1–0*	...	9–7*	...

** One nurse under the United States Indian service gave a local nursing service. Nurse allocated to county where working, but counted in state total.

CALIFORNIA

Population group and city	Population 1920 census	Total number	Official administration: Board of health	Official administration: Board of education	Official administration: Other official boards	Official administration: Joint administration two or more official boards	Non-official administration: Public health nursing association or similar agency	Non-official administration: American Red Cross	Non-official administration: Tuberculosis association	Non-official administration: Metropolitan Life Ins. Co. services	Non-official administration: All others	Non-official administration: Joint administration, two or more non-official agencies
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
The state	3,426,861	113–473*	18–183	28–113	12–44	3–3	4–13	14–23	7–9	14–31	12–54	1–0*
Federal agencies		1–30	...	...	1–30	...	...	...	...	...	...	...
State agencies		3–14	1–10	...	1–3	...	...	...	1–1	...	...	...
Local agencies		109–429*	17–173	28–113	10–11	3–3	4–13	14–23	6–8	14–31	12–54	1–0*
I. 500,000 and over												
Los Angeles	576,673	5–135	1–22† 1–52	1–50	...	...	...	...	1–1	1–10	...	...
San Francisco	506,676	3–60	1–52†	...	...	...	...	...	1–1	1–7	...	...
II. 100,000 to 500,000												
Oakland	216,261	4–31	1–8	1–12	...	...	1–7	...	...	...	1–4	...
III. 50,000 to 100,000												
San Diego	74,683	3–15	1–3	1–10	...	...	...	...	...	1–2	...	...
Sacramento	65,908	5–12	1–2	1–3	...	...	...	1–4†	1–2†	1–1	...	...
Berkeley	56,036	1–11	...	...	...	...	...	...	...	...	1–11	...
Long Beach	55,593	1–20	...	...	...	...	...	...	...	...	1–20	...
IV. 25,000 to 50,000												
Pasadena	45,354	3–8	1–4	1–3	...	...	...	...	...	1–1	...	...
Fresno	45,086	5–8	1–1† 1–2	...	1–2†	...	...	1–2	...	1–1	...	...
Stockton	40,296	2–14	1–13†	...	...	...	...	...	...	1–1	...	...
San Jose	39,642	4–16	...	1–3† 1–3	...	...	...	...	1–2†	...	1–8	...
Alameda	28,806	1–1	...	1–1	...	...	...	...	...	...	...	...
V. 10,000 to 25,000												
Santa Barbara	19,441	2–5	...	1–1	...	...	1–4	...	...	...	...	...
Riverside	19,341	3–4	...	1–1†	...	...	...	...	...	1–1	1–2†	...
San Bernardino	18,721	5–6	...	1–1† 1–2	...	...	...	...	...	1–1	1–1† 1–1	...
Bakersfield	18,638	2–3	1–2†	...	...	...	...	...	...	1–1	...	...
Richmond	16,843	2–3	...	1–1	...	...	...	...	...	...	1–2	...
Santa Ana	15,485	3–12	1–4†	1–7† 1–1	...	...	...	...	...	...	...	...
Santa Monica	15,252	1–1	...	...	...	...	...	...	...	1–1	...	...
Glendale	13,536	2–5	1–3	1–2	...	...	...	...	...	...	...	...
Pomona	13,505	1–1	...	...	...	...	...	...	...	1–1	...	...
Eureka	12,923	2–5	...	...	...	...	...	1–4*	1–1	...	...	...
Venice	10,385	1–1	1–1	...	...	...	...	...	...	...	...	...
VI. Rest of state		48–52	3–4	12–12	9–9	3–3	2–2	11–13	1–1	2–3	4–5	1–0*

TABLE 28. NEGRO PUBLIC HEALTH NURSES, CLASSIFIED BY AGENCY EMPLOYING THEM, AND BY STATE AND CITY

State and city	Total number of nurses	Agency and number of negro nurses employed				
		Board of health	Board of education	Other official boards	Public health nursing association or similar agency	All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)
NEW ENGLAND DIVISION OF THE UNITED STATES						
Total number of nurses	5	..	..	..	3	2
Massachusetts						
Boston	2	..	..	..	..	2
Connecticut						
Hartford	1	..	..	..	1	..
New Haven	2	..	..	..	2	..
MIDDLE ATLANTIC DIVISION OF THE UNITED STATES						
Total number of nurses	116	76	4	..	35	1
New York						
New York	74	47	..	..	27	..
Rye	1	..	..	..	..	1
New Jersey						
Atlantic City	3	..	2	..	1	..
Newark	6	4	1	..	1	..
Orange	1	..	..	..	1	..
Pennsylvania						
Coatesville	1	..	..	..	1	..
Philadelphia	27	24	1	..	2	..
Pittsburgh	3	1	..	..	2	..
EAST NORTH CENTRAL DIVISION OF THE UNITED STATES						
Total number of nurses	52	26	..	13	13	..
Ohio						
Cincinnati	4	4	..	..	..	..
Cleveland	2	2	..	..	..	..
Columbus	2	2	..	..	..	..
Dayton	3	..	..	..	3	..
Illinois						
Chicago	38	18	..	13	7	..
East St. Louis	3	..	..	..	3	..
WEST NORTH CENTRAL DIVISION OF THE UNITED STATES						
Total number of nurses	33	1	9	..	23	..
Missouri						
Kansas City	12	..	5	..	7	..
St. Louis	14	1	3	..	10	..
Kansas						
Kansas City	5	..	1	..	4	..
Wichita	2	..	..	..	2	..

TABLE 28. NEGRO PUBLIC HEALTH NURSES, CLASSIFIED BY AGENCY EMPLOYING THEM, AND BY STATE AND CITY

SOUTH ATLANTIC DIVISION OF THE UNITED STATES

State and city	Total number of nurses	Agency and number of negro nurses employed							
		Board of health	Board of education	Other official boards	Public health nursing association or similar agency	American Red Cross	Tuberculosis association	Metropolitan Life Ins. Co. services	All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Total number of nurses	93	48	6	1	12	1	2	5	18
Delaware									
Dover	1	1	..	..	..	..	..	..	..
Wilmington	1	..	1	..	..	..	..	..	..
Maryland									
Baltimore	8	8	..	..	..	..	..	..	..
District of Columbia									
Washington	5	1	..	..	3	..	..	..	1
Virginia									
Charlottesville	1	1	..	..	..	..	..	..	..
Danville	1	..	..	..	..	..	..	1	..
Hampton	3	..	1	..	2	..	..	..	..
Lynchburg	1	1	..	..	..	..	..	..	..
Newport News	1	..	1	..	..	..	..	..	..
Norfolk	7	2	..	..	..	..	..	..	5
Petersburg	1	..	1	..	..	..	..	..	..
Portsmouth	2	1	1	..	..	..	..	..	..
Richmond	5	..	..	..	5	..	..	..	..
West Virginia									
Charleston	1	1	..	..	..	..	..	..	..
Wheeling	1	1	..	..	..	..	..	..	..
North Carolina									
Asheville	1	1	..	..	..	..	..	..	..
Carthage	1	..	..	..	..	1	..	..	..
Charlotte	4	4	..	..	..	..	..	..	..
Durham	2	1	1	..	..	..	..	..	..
Greensboro	1	1	..	..	..	..	..	..	..
High Point	1	1	..	..	..	..	..	..	..
Kinston	1	1	..	..	..	..	..	..	..
Monroe	1	..	..	1	..	..	..	..	..
Raleigh	2	1	..	..	..	..	..	..	1
Winston-Salem	2	2	..	..	..	..	..	..	..
South Carolina									
Charleston	1	..	..	..	..	..	..	..	1
Columbia	1	1	..	..	..	..	..	..	..
Greenville	1	1	..	..	..	..	..	..	..
Georgia									
Albany	1	1	..	..	..	..	..	..	..
Atlanta	5	..	..	..	..	..	2	3	..
Augusta	4	4	..	..	..	..	..	..	..
Columbus	2	..	..	..	2	..	..	..	..
Macon	2	1	..	..	..	..	..	1	..
Savannah	10	3	..	..	..	..	..	..	7
Florida									
Daytona	1	..	..	..	..	..	..	..	1
Jacksonville	6	6	..	..	..	..	..	..	..
Miami	1	1	..	..	..	..	..	..	..
Orlando	1	..	..	..	..	..	..	..	1
St. Augustine	1	..	..	..	..	..	..	..	1
Tampa	1	1	..	..	..	..	..	..	..

TABLE 28. NEGRO PUBLIC HEALTH NURSES, CLASSIFIED BY AGENCY EMPLOYING THEM, AND BY STATE AND CITY

State and city	Total number of nurses	Agency and number of negro nurses employed						
		Board of health	Board of education	Public health nursing association or similar agency	American Red Cross	Tuberculosis association	Public health associations	All others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
EAST SOUTH CENTRAL DIVISION OF THE UNITED STATES								
Total number of nurses	42	19	4	16	..	2	..	1
Kentucky								
Lexington	1	..	1	..	..	..	..	..
Louisville	3	1	..	2	..	..	..	..
Tennessee								
Chattanooga	1	..	1	..	..	..	..	..
Knoxville	1	..	1	..	..	..	..	..
Memphis	16	4	..	12	..	..	..	..
Nashville	5	3	..	2	..	..	..	..
Alabama								
Birmingham	10	7	1	..	..	2	..	..
Montgomery	3	3	..	..	..	..	..	..
Selma	1	1	..	..	..	..	..	..
Tuskegee	1	..	..	..	..	..	..	1
WEST SOUTH CENTRAL DIVISION OF THE UNITED STATES								
Total number of nurses	24	5	3	1	2	2	1	10
Arkansas								
Little Rock	2	..	1	..	..	1	..	..
Louisiana								
Lake Charles	1	1	..	..	..	..	..	..
New Orleans	6	..	..	..	..	..	..	6
Oklahoma								
Oklahoma City	1	..	..	1	..	..	..	..
Tulsa	1	..	..	..	..	..	1	..
Texas								
Austin	1	1	..	..	..	..	..	..
Beaumont	2	..	1	..	1	..	..	..
Dallas	3	1	..	..	..	1	..	1
Fort Worth	1	..	1	..	..	..	..	..
Houston	3	..	..	..	..	..	..	3
Port Arthur	1	..	..	..	1	..	..	..
San Antonio	1	1	..	..	..	..	..	..
Waco	1	1	..	..	..	..	..	..

PLEASE NOTE

We wish to call attention to an omission in the amendments published in the April magazine, page 197. Under:

ARTICLE I
Membership
Class A—Individual Members
1. Nurse

the second paragraph of the amendment should read as follows:

". . . **Training shall include practical experience in caring for men, women and children, together with the theoretical and practical instruction in medical, surgical, obstetrical and pediatric nursing. . . .**"

The word *obstetrical* was omitted.

CONVENTION NOTES

The N.O.P.H.N. Standing Committees will meet Saturday, May 15, at the Breakers Hotel. The N.O.P.H.N. Board of Directors will meet Saturday, May 15, at 10 A.M., in the Crystal Room, Breakers Hotel.

The N.O.P.H.N. Business Meeting, which this year appears on the program as the N.O.P.H.N. *Membership Meeting,* will begin promptly at 10:30 A.M., May 17, on the roof garden of the Breakers Hotel. Miss Mary S. Gardner, Advisory Director of the N.O.P.H.N., will give a report of her six months' study of the N.O.P.H.N. and will present certain recommendations. This is an important meeting.

Be sure to sign early for Luncheons, at the Information Desk in the lobby of the Breakers Hotel. All reservations must be made twelve hours before the luncheon time. Tickets must be secured for all luncheons.

Mr. Allen Burns, secretary of the American Association for Community Organization, who has made a study of Community Chests and Federations, will talk to the lay sessions on this subject, as it touches on the relation between national and local organizations. This session will bring out the community's responsibility in matters of public health nursing organization and the part which the medical and nursing professions play in rounding out the program for better community health. Dr. Alec N. Thomson of Brooklyn will present for discussion the interest of the medical profession in this program.

At the luncheon for laymen, Thursday, May 20, representatives from Canada, Lady Newsholme of England, members of boards of directors of public health nursing organizations from the West, Middle West, East, and South, and those who particularly represent urban and rural interests will, it is hoped, be present.

A question box will be placed at the Information Desk in the lobby of the Breakers Hotel for those who are interested in having questions of interest to boards of directors presented at the luncheon.

Mrs. C.-E. A. Winslow of New Haven will preside at this session. Mrs. E. G. Shreve of Atlantic City and Mrs. Thomas J. Dolan of Philadelphia will act as hostesses.

It will be necessary to make reservations twelve hours before the luncheon date. This can be done at the Information Desk in the lobby of the Breakers Hotel.

Be sure to have your railroad tickets validated at the validation desk on the Steel Pier.

JOINT SESSIONS

The joint sessions to be held by organizations taking part in the American Health Congress will give nurses attending the convention an opportunity to consider public health work in the large, as well as from their own particular angle. The joint sessions are direct evidence of the coöperation which has prevailed between the organizations belonging to the National Health Council.

City Health Organization will be considered by four organizations in joint session—the American Public Health Association, the American Child Health Association, the Conference of State and Provincial Health Authorities of North America, and the N.O.P.H.N. Plans for the health administration of cities of 100,000, of cities of 50,000, of cities of 20,000, and a plan for county health units will be read, compared, criticized and discussed. Among the speakers at this session will be: C.-E. A. Winslow, D.P.H., Henry Vaughan, M.D., Harriet Leck and Sophie C. Nelson.

Light and Health will be considered from the viewpoint of the physician, the surgeon, the nurse, and those conducting various kinds of laboratory research, by the American Public Health Association, the American Child Health Association, and the N.O.P.H.N.

Men who have distinguished themselves in the fight against communicable diseases will address the American Child Health Association and the Child Hygiene Section of the American Public Health Association. They include: William H. Park, M.D., Matthias Nicoll, M.D., and others.

The joint session of the American Social Hygiene Association and the Public Health Administration Section of the American Public Health Association will bring out the various phases of the problem of *Venereal Disease,* when the viewpoint of a state health department and of the municipal health organizations of two representative cities are heard.

Sixteen round table discussions have been prepared by the National Committee for Mental Hygiene, under the chairmanship of George K. Pratt, M.D. *The Backward Child, The Problem Child, Problems of Adolescence,* and *Committee and Organization Problems* will be discussed, each subject at four of the sixteen meetings, to give members of other organizations a chance to drop in and take part in the informal discussion of the round table.

Speakers from all branches of public health work will address the session arranged by the Women's Foundation for Health.

Particularly interesting subjects to be considered by the American Nurses' Association are: *Legislative Measures Pertaining to Schools of Nursing; Administration of Laws Governing the Registration of Nurses.*

Five minute reports from the four government nursing services, the subjects to be: *Federal Prisons for Women, Women in Industry, What the Government Does for Its Sick and Injured United States Employees,* and *The Sheppard-Towner Bill in Relation to Nurses.*

The meeting of the Mental Hygiene Section, with the following program: *A Course for Nurses in Mental Hygiene; Psychiatric Nursing for the Student Nurse.*

The program arranged by the American Child Health Association offers many topics of interest to public health nurses, aside from the joint session to be held with the N.O.P.H.N.

Among them are: *When Do Deviations from the Normal Become Physical Defects?; What Are the Signs of Health with Special Reference to Nutrition?; What Is Good Posture?.*

Session on *The Development of Maternal and Neo-Natal Welfare.*

The joint session of the American Child Health Association and the Child Hygiene Section of the American Public Health Association is to be *Making the Environment Count for Health Education,* with consideration of: *The Scientific Aspects of School Ventilation; School Sanitation from the Standpoint of the School Administrator; Lunch Room Facilities and Their Educational Use; Play Spaces for Health Education Equipment.*

Dr. René Sand, Secretary-General of the League of Red Cross Societies, will speak at the Friday afternoon session of the Congress.

The complete program of the N.O.P.H.N. and its joint sessions was printed on pages 200–201 of the April issue.

COMMITTEE ON GRADING OF NURSING SCHOOLS

The Committee on the Grading of Nursing Schools held a meeting in New York City on April 14, 1926, and appointed May Ayres Burgess, Ph.D., as director of the Study. The Committee at this meeting adopted a statement of a program of far-reaching possibilities and broad scope. We hope to report more fully on this later.

The following committees were appointed:

Committee on Supply and Demand:	Miss Helen Wood, Chairman Dr. Joseph B. Howland Dr. C.-E. A. Winslow Dr. B. A. Fitzpatrick Mrs. Chester Bolton
Occupational Analysis:	Miss Elizabeth C. Burgess, Chairman Dr. Samuel Capen Dr. W. W. Charters Miss Katharine Tucker Dr. William Darrach
Study of Existing Facilities:	Miss Susan Francis, Chairman Miss Laura R. Logan Miss Gertrude E. Hodgman Dr. Henry Suzzallo Dr. Malcolm MacEachern

The headquarters of the Committee will be at 370 Seventh Avenue.

NATIONAL CONFERENCE OF SOCIAL WORK

The program for the Health Division of the National Conference of Social Work, to be held in Cleveland, Ohio, May 26–June 2, includes:

Public Health and the States: Meeting the Need for Rural Hygiene, Dr. A. J. Chesley; The Hospital as a Health Center, Dr. Charles P. Emerson.

Public Health and the Federal Government: An Ideal Arrangement for Federal Health Activities, Dr. Lee K. Frankel and James A. Tobey; Are Federal Subsidies for Health Work Justified? Dr. Richard A. Bolt.

The Organization of Public Health: The Place of Sociology in a Public Health Program, Harry Hopkins; What Is the Public Practice of Medicine? Dr. W. H. Peters.

The Community and Public Health: Lessons from the Health Surveys of 86 Cities, Dr. W. F. Walker; The Effect of Negro Migration on Cleveland's Health Problems, Dr. H. L. Rockwood.

Some Modern Public Health Problems: The Health Council Idea, Bleecker Marquette; State Control of Mental Disorders, Dr. F. E. Williams.

The International Catholic Guild of Nurses will hold its annual meeting in Chicago, June 14–17.

The second Pan-American Conference of Red Cross Societies will meet in Washington May 25–June 5. A detailed note of this conference appeared in the April magazine, page 206.

SUPPLEMENTARY LIST OF SUMMER SCHOOLS AND INSTITUTES OPEN TO PUBLIC HEALTH NURSES, SUMMER OF 1926

University of California and the California State Board of Health to be held at Berkeley, July 12 to 23. For further information address, California State Board of Health, Sacramento.

University of Michigan is offering course for Training of Social Workers and Workers in Tuberculosis, June 21 to July 30–August 13. For further information write to Secretary of Summer School Session, University of Michigan, Ann Arbor.

Ohio State University, conducted in coöperation with the American Association for Community Organization, is offering course in Social Work Administration, June 21 to July 30. For further information write to J. E. Hagerty, Dean, College of Commerce, Ohio State University, Columbus.

Harvard Medical School, Children's Hospital and Allied Institutions, June 28 to August 7. For further information write to Secretary, Courses for Graduates, Harvard Medical School, 240 Longwood Ave., Boston, Mass.

Columbia University, College of Physicians and Surgeons, offers during the Summer Session courses in Public Health and Preventive Medicine, July 6 to August 13, a number of which are available to public health nurses. These courses include Public Health Administration and Rural Hygiene, Policies and Management of Clinics and Health Centers, Public Health Law, Industrial Hygiene, Social Hygiene, Child Hygiene and Tuberculosis, community aspects. For further information write to Director of Summer Session.

A Nurses' Institute on Tuberculosis is offered by the Hennepin County Tuberculosis Association and the General Extension Division of the University of Minnesota for one week—June 14 to 19. Address Miss Eula Butzerin, Department of Preventive Medicine and Public Health, University of Minnesota, Minneapolis.

The Illinois League of Nursing Education will conduct an Institute for Nurses in Chicago during the last two weeks in August. For further information write to Miss May Kennedy, Director of Institute, 6400 Irving Park Blvd., Chicago, Ill.

REPRINTS

The following reprints can now be had from the National Organization for Public Health Nursing, 370 Seventh Avenue, New York:

Suggested Constitution and By-Laws for a Public Health Nursing Organization, prepared by the National Organization for Public Health Nursing. Price, 25c.

The Census of Public Health Nursing in the United States, prepared by the National Organization for Public Health Nursing. Price, 50c.

The Manual of Public Health Nursing, prepared by the National Organization for Public Health Nursing and published by the Macmillan Company, price $1.00, will be ready in time for the Convention and will be on sale at the Convention Headquarters of the N.O.P.H.N.

PIONEERS IN SURGERY AND INDUSTRIAL MEDICINE—ALICE HAMILTON, M.D., AND WILLIAM S. HALSTED, M.D.

Articles on the lives of two members of the medical profession, each eminent in his (and her) own field, have recently appeared. *The American Mercury* for April has an article by Fielding H. Garrison on William S. Halsted, that great surgeon under whose courteous guidance many nurses have had the good fortune to work. As the author remarks, "his pupils got their innings by contact with him." His tendency with his pupils was "to test their swimming capacity by throwing them into the water." We quote a sentence from this article of interest to our own group:

> It is none the less true, as Osler surmised, that the need of the hour is for more medical graduates trained (by rote if necessary) to do the simpler surgical operations and to treat the sick at the bedside efficiently—in brief, for the family doctor. There are whole American cities today without any physicians whatever. In a country of such vast extent as ours, the public health nurse has come to play the part of the *Feldsher* in pre-war Russia.

Harpers Magazine for May contains an article on Alice Hamilton, M.D., Crusader for Health in Industry, by Elizabeth Shepley Sergeant, which rings like a trumpet call to all who, however humbly, have followed the call of service to "the brief and tender lives of men."

We are to have the privilege of hearing Dr. Hamilton speak on May 27th in Atlantic City on the work of the Health Committee of the League of Nations, of which committee she is the only woman member. It would add to our understanding of the many sidedness of Dr. Hamilton's achievements and personality if we could read this fine analysis and appreciation of a truly remarkable career.

Miss Sergeant quotes from H. G. Wells' *Christina Alberta's Father,* as terms that Dr. Hamilton could well subscribe to:

> I do not want to be a brilliant person, I want to be a vital part.—You'll never run parallel with men, you free women—you've got to work out a way that is different. Different down to the roots.

Perhaps this expresses so far as a sentence or two could Alice Hamilton's attitude toward the full life which is opening before "the young woman of the hour," and in which she has played the part of a pioneer.

"Laboratories, settlements, mine corridors, factories, international congresses, medical schools, lecture platforms—in such tense centers of modern group life" have the best years of this remarkable woman been passed. Her parents did not believe in conventional schooling, and she was largely self-educated under the intelligent and stimulating supervision of her parents. Of the two professions then open to women she chose medicine rather than teaching, and it was during her year as an interne at the New England Hospital for Women that she made her first contact, through the clinic, with poor working people, and her decision that she did not want to practise medicine because of the responsibilities for human life involved. She turned to teaching medicine, and it was at this time that she joined the famous colony at Hull House, where she developed one of the first child health centers. "Pure research" next attracted her, but she was coming to realize that any contribution she might make in this field could not compensate for the denial of human relationships it entailed, when "the key for which she had been half consciously waiting" arrived in the guise of an English book, "Dangerous Trades."

> Here was her specific pioneer opportunity, here was her inevitable professional choice: to bring pathological science into direct touch with working men and women.

First as a special investigator for a commission to study industrial diseases in Illinois, then for eleven years an investigator of poisonous trades for the United States Department of Labor, Dr. Hamilton studied her subject in practically every state of the Union and in every industrial center. Her significant book *Industrial Poisons,* published in 1925, "conjures up a vision of the abyss of insecurity on which our pleasant and comfortable material civilization rests."

By means of what Miss Sergeant calls her rare combination of human gifts through which she has been able to mitigate the dangers of the lives on which American industry rests, by her application of scientific methods to dark places, Dr. Hamilton has indeed made herself a "vital part."